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Baltimore. Mayor.

REPORTS

OF THE

CITY OFFICERS AND DEPARTMENTS

MADE TO THE

City Council of Baltimore

FOR THE YEAR 1904.

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
PUBLIC PRINTERS

1905

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267388

ANNUAL REPORT

OF THE

REGISTER OF THE CITY

AND OF THE

COMMISSIONERS OF FINANCE

TO THE

MEMBERS OF THE FIRST AND SECOND BRANCHES OF THE CITY COUNCIL OF BALTIMORE

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1904

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
CITY PRINTERS

1905

REPORT OF

HARRY F. HOOPER,

REGISTER OF THE CITY.

REGISTER'S DEPARTMENT.

REGISTER:

HARRY F. HOOPER.

DEPUTY REGISTER:

J. SEWELL THOMAS.

CHIEF CLERK:

ISAAC L. NEWMAN.

STOCK CLERK:

EDWARD BRADY.

ASSISTANT CLERKS:

WM. T. JONES. CHAS. H. MOORE.

STENOGRAPHER:

LOUIS McSHANE.

REGISTER'S REPORT.

BALTIMORE, December 31, 1904.

To the Honorable Members of the
First and Second Branches of the City Council.

GENTLEMEN: Complying with the provisions of the Baltimore City Code of 1893 (Article 11, Section 24), I have the honor to lay before you the following report:

The receipts into the Treasury from all sources during the current fiscal year, ending December 31, 1904, as detailed in Statement "C" of this report, were...	$13,244,087 14
To which add the cash balance of December 31, 1903..	373,099 12
Making the total amount to be accounted for...	$13,617,186 26
The total disbursements for the year, as detailed in Statement "C," were.....	12,193,118 89
Leaving a cash balance on hand December 31, 1904, of	$1,424,067 37

THE FOLLOWING STATEMENT IS SUBMITTED TO SHOW THE INCOME

RECEIPTS.

Balance December 31, 1903 (exclusive of funded debt account)		$ 248,987 82
Taxation—		
Tax on general property	$5,275,803 95	
" " securities	279,798 08	
" " income from mortgages	3,811 81	
" " suburban property	153,127 65	
Tax in arrears (City)	882,679 14	
" " " " (Annex)	37,506 64	
Interest on taxes in arrears	81,693 98	
		6,714,421 25
Licenses—		
Liquor	431,524 32	
Dog	16,110 75	
General	74,603 85	
		522,238 92
Franchises—		
Park tax	342,637 50	
Electrical subways	32,385 71	
Minor privileges	39,940 23	
Telephone conduits	29,343 53	
		444,306 97
Special Assessments—		
Street opening, assessment of benefits	1,620 31	
Street paving, assessments	15,492 37	
		17,112 68
Fees	14,015 99	
Fines	6,270 42	
		20,286 41
Quasi-private Receipts—		
Wharves		42,857 23
Markets and halls		59,840 60
Water rents		828,788 28
City's share of school tax from State		318,052 32
Free text books, tax from State		53,605 36
Tuition fees from non-resident pupils		5,893 33
Interest on deposits (daily balances)		45,596 46
Board from insane patients at hospitals		11,864 92
Health Department		13,501 24
City Engineer's Department		9,500 43
Private paving and inspection		28,971 49
Bayview Asylum		1,551 22
Street Cleaning Department		3,442 40
General Superintendent of Lamps' Department		2,966 46
Baltimore City Jail		10,134 38
Fire Department		2,855 53
Topographical Survey		164 15
Free Baths		7,372 86
Supervisors of Elections		345 00
Harbor Board		33 75
Rent of City property		13,163 54
State tax on City loans (from holders)		1,312 65
Judgments and suits		1,863 95
Removed cases		266 61
Turnpike dividends		98 29
Tax sales (net)		701 46
Municipal Telephone Exchange		1,372 44
Commissioners of Finance (refund under Ord. 158, 1904)		3,524 97
Western Maryland Special Fund, for Burnt District Commission		2,779,754 25
Miscellaneous		1,096 68
		$12,217,846 30

AND EXPENSES OF THE CITY GOVERNMENT FOR THE YEAR 1904.

EXPENDITURES.

Street paving and repairs	$	207,599 65
Sewers		86,011 54
Bridges		40,303 42
Private paving and inspection		27,014 65
Improvements and addition to drainage system		5,000 00
Paving certificates		7,943 28
Interest on paving certificates		1,558 23
Opening streets (damages)		11,642 30
Opening streets (City's portion)		1,432 09
Paving streets (account assessment)		16,008 51
Cleaning streets		245,461 84
Collection and disposal of garbage, etc. (contract)		195,800 00
Police		1,086,393 91
Lighting		332,845 11
Fire protection		521,913 50
Water supply		872,987 16
Health		103,347 70
Markets and halls		5,212 92
Wharves		8,795 56
Harbor		70,030 05
Courts		186,124 27
Elections and registration		90,695 29
Schools		1,375,700 10
Charities and corrections		479,301 27
Free Baths		17,189 66
Parks and squares		329,485 83
Municipal buildings (including repairs)		342,497 72
Administration		270,075 81
Interest on funded debt (net)		941,698 83
State tax on City loans		29,255 46
Ground rents on City property		51,007 59
Advertising laws		3,735 80
Enoch Pratt Free Library (deficiency in income)		4,258 00
Sinking funds		482,519 40
Care of public buildings		88,686 98
Topographical Survey		6,487 62
Dog licenses and fines		8,259 00
Maryland Institute		9,000 00
Insurance on City property		2,294 64
Hose for various markets		412 55
Telephone and Municipal Exchange		8,846 90
Judgments and suits		11,805 74
Mural decorations (Court-house)		5,000 00
Operating and maintenance of completed conduits		7,760 42
Refund 1900 taxes in Annex		2,452 29
Refund 1903 taxes in Annex (under Foutz Law)		124,340 92
Surplus of Mayor and City Council, 1903		8,157 40
Commissioners of Finance, expenses		1,436 52
Interest on temporary loan		583 33
Burnt District Commission, in the fire district		2,322,885 10
Miscellaneous		3,265 57
Cash balance (exclusive of funded debt account) December 31, 1904		1,155,324 87
		$12,217,846 30

FUNDED DEBT ACCOUNT.

Balance to credit of loans, December 31, 1903	$ 124,111 30	
Net proceeds of sale of stock in 1904	340,000 00	
		$464,111 30
Net expenditures against loans as shown by Statement "C"		195,368 80
Unexpended balance Dec. 31, 1904		$268,742 50

FUNDED DEBT.

The funded debt December 31, 1903, was	$39,964,482 95	
The funded debt December 31, 1904, is	39,962,882 95	
Showing the decrease to have been		$ 1,600 00
Which is thus explained:		
Redemption of Harford Run 4 Per Cent. 1904 Loan	$ 340,000 00	
Redemption of Five Million 6 Per Cent. 1896 Loan	100 00	
Redemption of W. M. R. R. 6 Per Cent. 1902 Loan	800 00	
Redemption of Water 4 Per Cent. 1894 Loan	700 00	
		$341,600 00
Less:		
Issue of Water 3½ Per Cent. 1943 Loan	$ 92,500 00	
Issue of Conduit 3½ Per Cent. 1928 Loan	140,000 00	
Issue of Four Million 3½ Per Cent. 1945 Loan	107,500 00	
		$340,000 00
		$ 1,600 00
Increase of funded debt authorized, but not yet issued:		
Water 3½ Per Cent. 1943 Loan, Ordinance No. 86, 1902	$ 872,500 00	
Conduit 3½ Per Cent. 1928 Loan, Ordinance No. 87, 1902	780,000 00	
Burnt District Improvement 3½ Per Cent. 1954 Loan, Ordinance No. 71, 1904	6,000,000 00	
		$ 7,652,500 00

I beg to call your attention to the fact that the General Assembly of Maryland, at its last session, repealed that clause of the City Charter requiring the surplus from tax collections to be paid to the sinking funds, and re-enacted the same by providing for the surplus to be used as a credit to the succeeding tax levy. The surplus of 1904 was $332,803.49. This change was recommended by me in my report for 1903.

I desire to congratulate you, as representatives of the people, upon the healthy financial condition of our city, by reason of which we were enabled during the current year to float $300,000.00 of 3½% stock, being all that was necessary to sell to the public, upon a 2.87% basis, and sincerely hope that the voters will ratify on May 2, 1905, the ordinances authorizing the issue of the proposed Park, Annex and Sewerage Loans, the purposes of which are to improve our city that we all are so justly proud of.

I take pleasure in commending my clerical force to you, for the faithful and efficient manner in which they have performed their arduous duties under a perfect system of accounting for the receipts and expenditures of the taxpayers' money, of which I have the honor to be the custodian.

Respectfully submitted,

HARRY F. HOOPER,
Register.

STATEMENTS.

STATEMENT A—FUNDED DEBT.

December 31, 1904.

Name of Loan.	Rate.	Authority for Issue.	When Redeemable.	Amount.
Water	5 per ct.	Ord. 65, 1877	July 1, 1916	$5,000,000 00
Funding	5 "	" 93, 1878	July 1, 1916	1,000,000 00
McDonogh Ext.	5 "	" 157, 1890	Sept. 1, 1916	280,000 00
Harford Run	4 "	" 86, 1879	Jan. 1, 1920	250,000 00
Patterson Park Extension	4 "	" 120, 1883	Oct. 1, 1920	200,000 00
Paving	4 "	" 140, 1880	Nov. 1, 1920	500,000 00
Water	4 "	" 91, 1882	Nov. 1, 1922	500,000 00
Conduit	3½ "	" 120, 1896	Jan. 1, 1922	1,000,000 00
W. M. R. R.	4 "	" 71, 1882	July 1, 1925	684,000 00
Water	4 "	" 82, 1886	Nov. 1, 1926	1,000,000 00
W. M. R. R.	3¼ "	" 11, 1886	Jan. 1, 1927	1,704,000 00
Conduit	3½ "	" 87, 1902	Jan. 1, 1928	220,000 00
Intern'l Improv't	3½ "	" 98, 1888	July 1, 1928	4,850,000 00
Consolidated	3½ "	" 58, 1890	July 1, 1930	5,000,000 00
Funding	3½ "	" 112, 1896	July 1, 1936	1,453,300 00
Public Improv't.	3½ "	" 100, 1892	Jan. 1, 1940	6,000,000 00
Refunding	3½ "	" 32½, 1898	Jan. 1, 1940	4,300,000 00
Water	3½ "	" 86, 1902	Jan. 1, 1943	127,500 00
Four Million	3½ "	" 137, 1894	Mar. 1, 1945	4,000,000 00
W. M. R. R. Rfg.	3½ "	" 18, 1898 " 32, 1900	Mar. 1, 1950	875,000 00
W. M. R. R. Rfg.	3½ "	" 18, 1898 " 32, 1900	Jan. 1, 1952	1,000,000 00
Stock due in 1860	6 "	Unredeemed, no int. allowed.		482 00
Water Stock due in 1875	6 "	" " " "		270 00
Consolid'd Stock due in 1890	6 "	" " " "		627 50
Five Million Stk. due in 1890	6 "	" " " "		1,903 45
Jones' Falls Stk. due in 1900	5 "	" " " "		400 00
W. M. R. R. Stk. due in 1902	6 "	" " " "		5,400 00
Harford Run due in 1904	4 "	" " " "		10,000 00
		Total funded debt		$39,962,882 95

Total funded debt			$39,962,882 95

Productive Assets.

Sinking Funds, face value		$14,392,804 72	
Water Works		8,627,500 00	
The following Water Loans are outstanding:			
Water 5 Per Cent. 1916 Loan	$5,000,000 00		
Water 4 Per Cent. 1922 Loan	500,000 00		
Water 4 Per Cent. 1926 Loan	1,000,000 00		
Water 3½ Per Cent. 1943 Loan	127,500 00		
Of the Four Million 3½ Per Cent. 1945 Loan for Extension of Water Supply	2,000,000 00		
	$8,627,500 00		
550 shares Baltimore and Reisterstown Turnpike stock		2,062 50	
137 shares Baltimore and Frederick Turnpike stock		456 66	
Electrical Subway, cost		1,220,000 00	
			$24,242,823 88
Excess of funded debt over productive assets			$15,720,059 07

Unproductive Assets.

10,000 shares of Valley R. R. Co. of Virginia stock		.....	
625 shares Baltimore and York Turnpike stock		.....	
New Court House, cost		2,750,000 00	
Market and school houses, City Hall, Jail, police stations, almshouse, iceboats, quarantine stations, public parks and squares, valued at		11,500,000 00	
		$14,250,000 00	

Of the total funded debt amounting to.		$39,962,882 95
Interest is provided as follows:		
On Water 5 Per Cent. 1916 Loan, paid from water rents.....	$5,000,000 00	
On Water 4 Per Cent. 1922 Loan, paid from water rents.....	500,000 00	
On Water 4 Per Cent. 1926 Loan, paid from water rents.....	1,000,000 00	
On Water 3½ Per Cent. 1943 Loan, paid from water rents.....	127,500 00	
On Four Million 3½ Per Cent. 1945 Loan (issued for extension of water supply), paid from water rents.....	2,000,000 00	
On Patterson Park 4 Per Cent. 1920 Loan, paid from Park Board receipts	200,000 00	
On Four Million 3½ Per Cent. 1945 Loan (issued for Park purposes), paid from Park Board receipts.....	1,000,000 00	
On W. M. R. R. 3½ Per Cent. 1952 Loan, paid by Commissioners of Finance from special sinking fund.....	1,000,000 00	
On W. M. R. R. 4 Per Cent. 1925 Loan, paid by Commissioners of Finance from special sinking fund.....	684,000 00	
On W. M. R. R. 3¼ Per Cent. 1927 Loan, paid by Commissioners of Finance from special sinking fund.....	1,704,000 00	
On W. M. R. R. 3½ Per Cent. 1950 Loan, paid by Commissioners of Finance from special sinking fund.....	875,000 00	
Overdue stock, no interest allowed....	19,082 95	
		14,109,582 95
Leaving the amount on which interest is provided for by taxation at.....		$25,853,300 00

Viz: $1,280,000 00 interest at 5 per cent.
750,000 00 interest at 4 per cent.
23,823,300 00 interest at 3½ per cent.

$25,853,300 00

STATEMENT B.

The following statement shows the surplus existing Dec. 31, 1904.

DR.		
Cash balance on deposit	$1,424,067 37	
Tax sales, property sold and unredeemed	7,447 30	
City car tickets for City employees	221 00	
Removing dangerous walls	2,954 79	
Burnt District Improvement 1954 Loan	346,200 35	
		$1,780,890 81
CR.		
Water Board—Water rents for 1905, collected in 1904	8,530 12	
Improvement of Harford Run—Balance	3,096 89	
Private paving and inspection	4,195 16	
Paving certificates outstanding	628 85	
Free text books	3,678 01	
Intestate estates	1,519 06	
Unclaimed damages for opening streets	117 50	
Park Board, balance carried forward	31,781 98	
Refund 1900 Annex taxes, paid in error, balance carried forward	11,960 66	
Refund 1903 Annex taxes (under Foutz Law) balance carried forward	15,659 08	
Paving streets, balance carried forward	9,894 21	
Opening streets, balance carried forward	6,566 72	
Conduit 1928 Loan, balance carried forward	1,707 40	
Water 1943 Loan, balance carried forward	68,700 49	
Lot and building No. 5 Truck House	20,423 99	
Lot and building Engine and Truck House, Forest Park	17,000 00	
Lot and building Eastern High School	68,320 63	
Lot and building School House at Forest Park	15,000 00	
Lot and building School House at Lakewood Avenue and Oliver Street	65,559 95	
Lot and building School House No. 10	39,288 59	
Addition to School House No. 96	59,985 95	
Sundry departmental balances carried forward to pay contracts made in 1904, and liens on the City	35,241 74	
Receipts in 1904, not estimated	3,524 97	
Four Million 1945 Loan, balance carried forward	125,303 02	
Internal Improvement 1928 Loan, balance carried forward	16,485 60	
Public Improvement 1940 Loan, balance carried forward	56,545 99	
Burnt District Fund	757,370 76	
		1,448,087 32
Surplus		$ 332,803 49

STATEMENT C.

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
INSPECTOR OF BUILDINGS					
Salaries	$ 28,020 84	$ 27,990 95			
Repairs of City property, consolidated	152,730 08	152,808 58	78 50		78 50
Emptying cesspools	300 00	300 00			
Livery and transportation	900 00	900 00			
Incidentals	400 00	400 00			
Sanitary and other improvements to schoolhouses	10,480 00	10,480 00			
Permits, sheds, etc		753 22	8,194 41		8,194 41
Partition for City Engineer's Department	8,000 00	8,000 00			
Case for Health Department	400 00	396 00			
Repairs to Richmond Market Hall	15,000 00	9,374 96			
Completion of School, Engine and Truck Houses	26,078 09	26,078 09			
*Lot and Building Engine House No. 25		3,779 97			
*Lot and Building Engine House No. 24		15,484 53			
Lot and Building Eastern High School	100,000 00	31,679 37			
*Lot and Building School No. 10		1,580 46			

Lot and Building No. 5 Truck House	25,000 00	4,576 01			
Lot and Building School at Forest Park	15,000 00				
Lot and Building Engine House at Forest Park	17,000 00				
*Building School, Saratoga and Mount Streets		4,778 65			
*Completion of Consumptive Hospital	17,676 00	28,476 00			
*Building barracks at Quarantine		2,144 93			
Removal of dangerous walls		2,771 78	920 83		920 83
Repairs to Broadway Hall	4,000 00	4,000 00			
*Building Engine House No. 22		1,000 00			
Cutting wires	290 12	290 12			
Addition to School No. 96	60,000 00	14 05			
Lot and Building for School, Lakewood Avenue and Oliver Street	70,000 00	4,440 05			
	$551,275 13	$342,497 72	$9,193 74		$9,193 74

CITY COLLECTOR.

Salaries	$33,770 84	$33,744 17			
Expenses	2,875 00	2,875 00	$ 596 97		$ 596 97
Tax Bailiffs		48,573 08	48,573 08		48,573 08
	$36,645 84	$85,192 25	$49,170 05		$49,170 05

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
HARBOR BOARD.					
Salaries	$ 5,250 00	$ 5,250 00			
Dredging harbor	39,537 00	39,537 00	$ 33 75		$ 33 75
Iceboats	18,260 00	26,510 00	8,250 00		8,250 00
Repairs of wharves	5,000 00	4,392 98			
Removal of floating matter	1,350 00	1,220 60			
Removal of ashes	1,100 00	950 29			
Incidentals	500 00	419 18			
	$70,997 00	$78,280 05	$8,283 75		$8,283 75
SUPERINTENDENT OF LAMPS AND LIGHTING.					
Salaries	$12,987 50	$ 12,458 47			
Gas and maintenance	135,392 70	135,389 59	$2,966 46		$2,966 46
Electric lights and maintenance	160,147 00	160,081 27			
Naphtha lamps and maintenance	24,720 08	24,650 14			
Incidentals	300 00	265 64			
	$333,547 28	$332,845 11	$2,966 46		$2,966 46

VISITORS TO BALTIMORE CITY JAIL.					
Salaries	$33,416 67	$33,240 84			
Expenses	20,000 00	19,997 94	$10,134 38		$10,134 38
	$53,416 67	$53,238 78	$10,134 38		$10,134 38
COMMISSIONER OF STREET CLEANING.					
Salaries	$17,208 34	$17,143 18			
Incidental expenses	1,000 00	1,000 00			
Street carts and men	92,360 43	92,360 43			
Sweepers and scrapers	88,678 58	88,646 38			
Cleaning sewers and inlets	17,561 96	17,561 66			
Sweeping machines, sprinklers, etc	25,000 00	24,998 21			
Tools, repairs, etc	2,793 03	2,789 95			
Printing reports	100 00	32 50			
Collection and disposal of garbage, etc., contract	195,800 00	195,800 00			
Sprinkling roads, etc	1,000 00	929 53			
Sale of street dirt			$ 3,395 97		$3,395 97
Private cleaning and sweeping			46 43		46 43
Removal of debris		29,441 66	29,441 66		29,441 66
	$441,502 34	$470,703 50	$32,884 06		$32,884 06

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
City Register.					
Salaries	$ 10,912 50	$ 10,912 50			
Expenses	750 00	750 00			
Ground rents on City property	52,000 00	51,007 59	$ 13,163 54		$ 13,163 54
*State tax on City loans	25,000 00	29,255 46	1,312 65		1,312 65
Enoch Pratt Free Library Fund (deficiency in income	4,258 00	4,258 00			
*Interest on Paving Certificates	219 73	1,558 23			
City Seal			21 71		21 71
Advertising laws	4,000 00	3,735 80			
Interest on Stock Debt	1,517,281 34	1,510,001 33	1,510,599 10	$942,296 60	568,302 50
	$1,614,421 57	$1,611,478 91	$1,525,097 00	$942,296 60	$582,800 40
Law Department.					
Salaries	$13,545 14	$13,545 02			
Expenses	3,100 00	3,100 00			
Stenographers, typewriters and other assistants	2,640 34	2,619 76	$ 5 00		$ 5 00
Judgments and suits	10,000 00	11,805 74	1,863 95		1,863 95
	$29,285 48	$31,070 52	$1,868 95		$1,868 95

CITY ENGINEER.

Salaries	$ 30,458 34	$ 30,456 34			
Repairing roads, streets, etc.	180,450 00	180,510 29	$ 60 29		$ 60 29
Repairs to sewers	24,100 00	22,138 18	1,146 18		1,146 18
Maintenance of bridges and culverts	40,000 00	40,010 00	10 00		10 00
Paving and repairing cross streets	30,000 00	18,001 81	11 00		11 00
Paving in front of City property	20,200 00	10,666 34			
Livery and transportation	1,200 00	1,200 00			
Footway crossings	6,000 00	6,000 00			
Incidentals	1,099 38	1,099 38			
Maintenance of Property Yard	1,500 00	1,499 31			
Advertising	1,000 00	583 97			
Improvements in and additions to Drainage System	5,000 00	5,000 00			
Private paving and inspection		27,014 65	28,971 49		28,971 49
Sale of old materials			8,267 96		8,267 96
*Paving Certificates		7,943 28			
Sundry sewers	41,400 00	37,987 95			
Carrollton Ave. and Franklin Street Sewer	3,500 00	3,168 15			
Edmondson Ave. and Woodyear Street Sewer	3,332 00	3,190 51	5 00		5 00
Laurens Street and Patterson Avenue Sewer	8,000 00	8,000 00			
*Maintenance of bridges and culverts (special)		293 42			
*Paving in front City property (special)		750 06			
*Footway crossings (special)		254 21			
*Repairs to sewers (special)		860 41			
	$397,239 72	$406,628 26	$38,471 92		$38,471 92

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
ELECTRICAL COMMISSION.					
Operating and maintenance of completed conduits.....	$7,760 42	$7,760 42	.....	.....	.....
	$7,760 42	$7,760 42	.....	.....	.....
CITY COMPTROLLER.					
Salaries	$13,083 34	$13,083 34	.....	.....	.....
Expenses	750 00	750 00	.....	.....	.....
City car tickets.....	.....	6,500 00	$6,468 00	.....	$ 6,468 00
Assistant Market Masters...	6,666 67	6,399 84	.....	.....	.....
Insurance on City property..	5,399 39	5,708 14	3,413 50	.....	3,413 50
Hose for various markets...	800 00	412 55	.....	.....	.....
Inspector of Weights and Measures	.....	5,821 58	5,821 58	.....	5,821 58
Wharfage	.....	8,795 56	42,857 23	.....	42,857 23
	$26,699 40	$47,471 01	$58,560 31	.....	$58,560 31
TOPOGRAPHICAL SURVEY.					
Salaries	$6,343 75	$6,313 73	.....	.....	.....
Expenses	180 00	173 89	$164 15	.....	$164 15
	$6,523 75	$6,487 62	$164 15	.....	$164 15

BOARD OF SCHOOL COMMISSIONERS.					
Office salaries	$ 10,600 00	$ 10,307 27			
" expenses	1,500 00	1,500 00			
Day Schools, salaries	1,163,652 76	1,148,801 06	$1,617,125 50	$1,299,073 18	$318,052 32
" " expenses	136,822 50	136,822 50	5,893 33		5,893 33
Night Schools, salaries	10,206 00	10,039 25			
" " expenses	500 00	500 00			
Movable Schools, rent of ground, etc., for same	5,000 00	5,000 00			
Free text books		49,961 83	53,605 36		53,605 36
*Furnishing new school buildings		8,241 96			
*Kindergarten supplies		4,526 23			
	$1,328,281 26	$1,375,700 10	$1,676,624 19	$1,299,073 18	$377,551 01
BOARD OF POLICE COMMISSIONERS.					
Salaries	$984,908 00	$984,908 00	$1,087,725 91	$1,087,725 91	
Expenses	74,143 00	74,142 71			
*Pension Fund	15,823 00	22,403 42			
	$1,074,874 00	$1,081,454 13	$1,087,725 91	$1,087,725 91	
BOARD OF POLICE EXAMINERS.					
Salaries	$4,800 00	$4,645 15			
Expenses	682 00	294 63			
	$5,482 00	$4,939 78			

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
COMMISSIONERS FOR OPENING STREETS.					
Salaries	$6,900 00	$6,900 00			
Expenses	71 00	37 75			
	$6,971 00	$6,937 75			
BOARD OF FIRE COMMISSIONERS.					
Salaries	$407,760 00	$407,503 50			
Expenses	114,410 00	114,410 00	$2,855 53		$2,855 53
	$522,170 00	$521,913 50	$2,855 53		$2,855 53
BOARD OF PARK COMMISSIONERS.					
Office salaries	$3,087 50	$ 3,024 00			
" expenses	1,718 00	1,583 84			
Parks and squares, salaries	200,032 84	189,293 21	$ 5 42		$ 5 42
" " expenses	155,392 50	118,790 41			
New improvements	18,769 16	16,784 75			
Park Board receipts		15 00	342,637 50		342,637 50
	$379,000 00	$329,491 21	$342,642 92		$342,642 92

COURTS.					
Criminal Court, salaries	$ 13,500 00	$ 13,255 00			
" " expenses	73,049 71	73,047 33	$34 10		$34 10
Baltimore City Court, salaries	7,000 00	7,000 00			
Baltimore City Court, expenses	15,718 75	14,195 10			
Court Common Pleas, salaries	8,000 00	8,000 00			
Court Common Pleas, expenses	13,746 25	8,902 06			
Superior Court, salaries	7,420 00	7,420 00			
" " expenses	12,767 90	8,792 75			
Circuit Court, salaries	3,900 00	3,900 00			
" " expenses	600 00	125 92			
Circuit Court No. 2, salaries	3,900 00	3,900 00			
" " " expenses	400 00	278 90			
Orphans' Court, salaries	10,016 00	9,984 00			
" " expenses	50 00	39 53			
Supreme Bench, salaries	4,500 00	4,416 67			
" " expenses	630 00	550 35			
Juvenile Court, salaries	2,256 00	2,256 00			
" " expenses	896 00	896 00			
Magistrates	19,900 00	19,198 76			
	$198,250 61	$186,158 37	$34 10		$34 10
FREE PUBLIC BATH COMMISSION.					
Salaries	$12,238 26	$10,467 36			
Expenses	7,640 00	6,722 30	$7,372 86		$7,372 86
	$19,878 26	$17,189 66	$7,372 86		$7,372 86

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
WATER BOARD.					
Water Board receipts		$ 1,165 73	809,967 17		$809,967 17
Collector of Water Rents and Licenses, salaries	$ 23,520 84	21,554 21			
Collector of Water Rents and Licenses, expenses	387,511 00	382,986 46			
Water Engineer's Department, salaries	88,833 34	82,448 41			
Water Engineer's Department, expenses	376,000 00	356,918 71	23 28		23 28
Meters		25,126 86	10,267 71		10,267 71
Water Board receipts, on account 1905 rents			8,530 12		8,530 12
*New storage house, Gay St. Yard		2,786 78			
	$875,865 18	$872,987 16	$828,788 28		$828,788 28
LIQUOR LICENSE COMMISSION.					
Salaries	$11,000 00	$10,927 50	$5 55		$5 55
Expenses	4,113 50	4,113 50			
	$15,113 50	$15,041 00	$5 55		$5 55

SINKING FUNDS.							
Conduit	1928	Loan	$ 29,498 78	$ 29,693 49	$ 29,693 49	$ 29,693 49	
"	1928	"	29,498 78	27,877 30	27,877 30	27,877 30	
Four Million	1945	"	14,749 39	14,846 77	14,846 77	14,846 77	
Funding	1936	"	29,498 78	29,693 49	29,693 49	29,693 49	
General		"	66,372 25	68,626 56	68,626 56	68,626 56	
Internal Imp'm't	1928	"	88,496 34	89,080 56	89,080 56	89,080 56	
Public Improv'm't	1940	"	58,997 56	59,386 99	59,386 99	59,386 99	
Refunding	1940	"	58,997 56	59,386 99	59,386 99	59,386 99	
Water	1916	"	58,997 56	59,386 99	59,386 99	59,386 99	
"	1922	"	14,749 39	14,846 77	14,846 77	14,846 77	
"	1926	"	29,498 78	29,693 49	29,693 49	29,693 49	
			$479,355 17	$482,519 40	$482,519 40	$482,519 40	
MAYORALTY.							
Salaries			$10,583 34	$10,583 34			
Expenses			2,000 00	1,914 41			
			$12,583 34	$12,497 75			
SUPERVISORS OF ELECTIONS.							
Salaries			$15,000 00	$13,734 11			
Expenses			3,117 00	2,436 00	$345 00		$345 00
Registration			53,838 00	36,238 02			
Primary Election			22,720 00	18,507 20			
General "			22,820 00	19,779 96			
			$117,495 00	$90,695 29	$345 00		$345 00

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
CITY LIBRARIAN.					
Salaries	$ 3,150 00	$ 3,150 00			
Expenses	14,749 32	13,810 02	$151 00		$151 00
	$17,899 32	$16,960 02	$151 00		$151 00
SUPERVISORS OF CITY CHARITIES.					
City offices, salaries	$ 7,229 17	$ 6,898 92			
" " expenses	1,000 00	952 75			
Bay View Asylum, salaries	29,075 00	25,570 07	$ 12 02		12 02
" " " expenses	86,701 00	83,053 16	1,539 20		1,539 20
Transportation of poor to their homes	800 00	780 44	83 01		83 01
Care of insane	139,000 00	138,347 52			
City patients in hospitals	64,000 00	61,302 14			
Dispensary Service	9,200 00	8,035 00			
Destitute and neglected children	35,000 00	29,277 90			
Temporary care of homeless men	1,000 00	1,000 00			
Industrial Home for Colored Girls	4,000 00	3,334 99			
St. Mary's Industrial School	30,000 00	26,606 64			

House of the Good Shepherd for Colored Girls	2,500 00	2,500 00			
Female House of Refuge	3,000 00	2,867 75			
House of Reformation for Colored Boys	15,000 00	15,000 00			
House of Refuge, maintenance	12,000 00	11,625 74			
House of Refuge, manual training	6,000 00	6,000 00			
House of Refuge, repairs	3,000 00	2,992 48			
	$448,505 17	$426,145 50	$1,634 23		$1,634 23
COMMISSIONER OF HEALTH.					
Salaries	$59,116 75	$59,080 70			
Expenses	24,529 00	24,529 00	$538 00		$538 00
	$83,645 75	$83,609 70	$538 00		$538 00
QUARANTINE.					
Salaries	$11,901 05	$11,838 00	$ 12 00		$ 12 00
Expenses	6,400 00	6,400 00	12,951 24		12,951 24
Furnishing barracks at Quarantine	1,500 00	1,500 00			
	$19,801 05	$19,738 00	$12,963 24		$12,963 24
APPEAL TAX COURT.					
Salaries	$ 23,850 00	$ 23,800 00			
Expenses	1,675 00	1,675 00			
*Refund of 1900 Annex taxes, paid in error		2,452 29			
Refund of 1903 Annex taxes, under the Foutz Law	140,000 00	124,340 92			
	$165,525 00	$152,268 21			

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources
SUPERINTENDENT OF PUBLIC BUILDINGS.					
City Hall, salaries	$15,375 00	$15,361 86			
" " expenses	8,950 00	8,950 00	$72 99		$72 99
City Hall Annex, salaries	2,343 75	2,343 75			
" " " expenses	4,500 00	4,500 00			
Court House, salaries	35,505 21	35,473 36			
" " expenses	17,731 00	17,731 00			
Draperies, carpets, etc., for Council Chambers	3,500 00	3,500 00			
Renovating portraits in Council Chambers	900 00	900 00			
	$88,804 96	$88,759 97	$72 99		$72 99
OPENING STREETS.					
*Jackson Street, Ordinance 7, 1901		$ 6,734 25			
*Viaduct Avenue, Ordinance 57, 1902		1,483 27	$ 33 72	$ 33 72	
Beason Street, Ordinance 93, 1885			154 50	154 50	
Meyer Street (closing), Ordinance 49, 1904		47 20			
Meyer Street (closing), Ordinance 50, 1904		44 25			
*Aiken Street, Ordinance 26, 1902		3,333 33	1,432 09	1,432 09	
		$11,642 30	$1,620 31	$1,620 31	

PAVING STREETS, ETC.					
Aiken Street, Ordinance 79, 1904		$ 37 35			
Chase Street, Ordinance 158, 1903		2,619 45	$ 2,652 63	$ 2,652 63	
Chesapeake Avenue, Ordinance 119, 1901, and Ordinance 106, 1904		36 05			
Clifton Avenue, Ordinance 155, 1903		1,119 52	2,664 97	2,664 97	
Ducatel Street, Ordinance 159, 1903		51 81	2,639 39	2,639 39	
Courtland Street, Ordinance 104, 1904		53 68			
Eighth Street, Ordinance 151, 1903		31 45	754 53	754 53	
Grove Street, Ordinance 51, 1903		62 98			
Lamont Avenue, Ordinance 93, 1904		70 51			
McComas Street, Ordinance 156, 1903	$13,800 00	9,713 25			
Payson Street, Ordinance 22, 1903		59 73			
Patuxent Street, Ordinance 107, 1904		32 39			
Smallwood Street, Ordinance 126, 1904		34 58			
Tenth Street, Ordinance 149, 1903		1,681 88	5,501 15	5,501 15	
Twelfth Street, Ordinance 152, 1903		301 14	312 84	312 84	
Twenty-first Street, Ordi-53, 1903		48 64	966 66	966 66	
Walbrook Avenue, Ordinance 52, 1903		54 10			
	$13,800 00	$16,008 51	$15,492 37	$15,492 37	

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
DIARY OF CITY COUNCIL.					
Salaries	$48,270 84	$47,895 35			
Expenses	7,835 00	7,835 00	$121 21		$121 21
	$56,105 84	$55,730 35	$121 21		$121 21
GENERAL EXPENDITURES.					
Pension W. H. War	$ 260 00	$ 260 00			
Water for fire plugs at Carroll	450 00	450 00			
Contingent Fund $50,000 00 (transfer) ... 48,326 93	1,673 07	1,673 07			
Coroners	10,000 00	8,695 82			
Muncipal Telephone Exchange	7,978 00	8,846 90	$ 1,372 44		$1,372 44
Board of Estimates	1,000 00	935 01			
Board of Public Improvements	600 00	500 00			
Transportation to House of Correction	500 00	340 33			
General licenses	1,000 00	1,003 58	74,603 85		74,603 85
Maryland Institute	9,000 00	9,000 00			

Veteran Volunteer Firemen's Association	1,000 00	1,000 00			
Mural painting New Court House	10,000 00	5,000 00			
Refund to Association of Veterans of Mexican War.	300 00	300 00			
Drinking fountain, N. W corner Calhoun and Ramsay Streets	75 00				
Belair Market		549 15	11,126 30		$11,126 30
Canton "		205 04	508 70		508 70
Centre "		609 25	396 30		396 30
Cross Street "		315 25	4,225 20		4,225 20
Fell's Point "		520 62	7,897 70		7,897 70
Hanover "		456 91	5,063 25		5,063 25
Hollins "		343 25	3,717 60		3,717 60
Lafayette "		266 71	3,064 45		3,064 45
Lexington "		916 58	16,716 20		16,716 20
Northeast "		318 56	2,297 95		2,297 95
Richmond "		389 00	3,959 95		3,959 95
Broadway Hall		35 25	42 00		42 00
Cross Street Hall		287 35	707 00		707 00
Hollins Hall		77 40	118 00		118 00
Fines		251 00	6,521 42		6,521 42
Dog licenses and fines		16,110 75	16,110 75		16,110 75
Board from insane patients		122 92	11,987 84		11,987 84
Tax sales		513 42	1,214 88		1,214 88
Mayor and City Council (surplus)		8,157 40			
Commissioners of Finance expenses	1,436 52	1,436 52			
Telephone conduits			29,343 53		29,343 53
Turnpike dividends			98 29		98 29
Opening streets (City's assessment)	1,432 09	1,432 09			

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
General Expenditures—Continued.					
Sundry receipts as of 1905			$ 3,524 97		$3,524 97
Temporary loan		$200,000 00	200,000 00		200,000 00
Removed cases			266 61		266 61
Liquor licenses (State's apportionment)			431,524 32		431,524 32
Public franchises		292 00	40,241 23		40,241 23
Interest on City deposits in national banks			45,596 46		45,596 46
Conscience Fund			11 61		11 61
Certain expenses			197,990 85	$ 197,990 85	
City poor			492,190 83	492,190 83	
Tax on savings banks deposits			121,891 17	121,891 17	
Opening streets			1,649 45	1,649 45	
Assessment of securities			279,798 08	279,798 08	
City direct			1,723,779 99	1,723,779 99	
Interest on taxes in arrears			81,693 98	81,693 98	
Incomes from mortgages			3,811 81	3,811 81	
Paving footways			99 89	99 89	
Interest on temporary loan	583 33	583 33			
Rentals from electrical subways			32,385 71	32,385 71	
Dog licenses and fines (City's portion)			7,851 75	7,851 75	
	$47,288 01	$272,194 46	$3,865,402 31	$2,902,906 05	$963,496 26

Four Million 1945 Loan.					
General Account		$16,232 50	$124,459 49		$124,459 49
Dredging Loch Raven	$ 42,805 92	25,176 31			
Addition to Wyman's Park	50,000 00				
" Clifton Park	25,000 00				
" Moale's Pt. Park	3,000 00				
	$120,805 92	$41,408 81	$124,459 49		$124,459 49
Conduit 1928 Loan.					
General Account		$ 14,710 00	$154,710 00		$154,710 00
Electrical Commission, salaries	$ 17,135 42	14,300 10			
Electrical Commission, construction	172,500 00	137,264 67	5,724 23		5,724 23
	$189,635 42	$166,274 77	$160,434 23		$160,434 23
Water 1943 Loan.					
General Account		$14,124 75	$106,624 75		$106,624 75
Extension of water supply east of Jones' Falls	$ 36,097 60	24,083 72	7 60		7 60
Extension of water supply west of Gwynn's Falls	224,326 91	6 00			
	$260,424 51	$38,214 47	$106,632 35		$106,632 35
Public Improvement 1940 Loan.					
*Furnishing New Court House		$996 82			
West Lanvale Street Sewer	$604 00				
	$604 00	$996 82			

*Paid out of unexpended balances of appropriations from 1903.

STATEMENT C—*Continued.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger. Dr.	Face of Ledger. Cr.	Receipts from Collector of Taxes.	Receipts from Other Sources.
BURNT DISTRICT FUND.					
Commssion to Revise Building Laws		$ 168 66			
Commissioner of Street Cleaning					
Emergency Fire Fund		14,992 67			
Public Wharves and Docks		3,013 19			
Appeal Tax Court, special salaries		4,367 72			
Special Election		16,909 96			
Centre Market Commission		54 25			
Burnt District Commission, salaries		33,822 94			
Burnt District Commission, expenses		9,666 55			
General Account, from Western Maryland Fund			$2,779,754 25		$2,779,754 25
Emergency Fire Fund		154,521 15	29 53		29 53
Widening of Charles Street		131,203 80			
" Light "		385,657 49	3,900 50		3,900 50
" Pratt "		27,115 84			
" German "		166,261 73			
" St. Paul "		123,588 04			
" Calvert "		91,056 04			
" Lombard "		81,055 31			

Widening of Commerce St.		8,759 36			
Opening Hanover Street		156,648 52	2,425 00		2,425 00
St. Paul Street Plaza		465,694 81	800 00		800 00
Widening and extending Hopkins Place		185,438 54	1,894 00		1,894 00
City Surveyor's Fees		855 47			
Dock improvements		95,155 64			
Opening Market Space		67,703 50			
Extending West Falls Ave.		43,534 19			
Grading, paving, etc., in Burnt District		62,908 88	53 62		53 62
Court House Commission		633 50			
G. Howard White and Telfair W. Marriott		1,200 00			
		$2,331,987 75	$2,788,856 90		$2,788,856 90

SUMMARY.

Inspector of Buildings	$ 551,275 13	$ 342,497 72	$ 9,193 74		$ 9,193 74
City Collector	36,645 84	85,192 25	49,170 05		49,170 05
Harbor Board	70,997 00	78,280 05	8,283 75		8,283 75
Superintendent of Lamps and Lighting	333,547 28	332,845 11	2,966 46		2,966 46
Visitors to Baltimore City Jail	53,416 67	53,238 78	10,134 38		10,134 38
Commissioner of Street Cleaning	441,502 34	470,703 50	32,884 06		32,884 06
City Register	1,614,421 57	1,611,478 91	1,525,097 00	$ 942,296 60	582,800 40
Law Department	29,285 48	31,070 52	1,868 95		1,868 95
City Engineer	397,239 72	406,628 26	38,471 92		38,471 92
Electrical Commission	7,760 42	7,760 42			
City Comptroller	26,699 40	47,471 01	58,560 31		58,560 31
Topographical Survey	6,523 75	6,487 62	164 15		164 15

STATEMENT C—*Concluded.*

NAMES OF ACCOUNTS.	Appropriations.	Face of Ledger.		Receipts from Collector of Taxes.	Receipts from Other Sources.
		Dr.	Cr.		
SUMMARY—Continued.					
Board of School Commissioners	1,328,281 26	1,375,700 10	1,676,624 19	1,299,073 18	377,551 01
Board of Police Commissioners	1,074,874 00	1,081,454 13	1,087,725 91	1,087,725 91	.....
Board of Police Examiners	5,482 00	4,939 78	.....	.....	.....
Commissioners for Opening Streets	6,971 00	6,937 75	.....	.....	.....
Board of Fire Commissioners	522,170 00	521,913 50	2,855 53	.....	2,855 53
Board of Park Commissioners	379,000 00	329,491 21	342,642 92	.....	342,642 92
Courts	198,250 61	186,158 37	34 10	.....	34 10
Free Public Bath Commission	19,878 26	17,189 66	7,372 86	.....	7,372 86
Water Board	875,865 18	872,987 16	828,788 28	.....	828,788 28
Liquor License Commission	15,113 50	15,041 00	5 55	.....	5 55
Sinking Funds	479,355 17	482,519 40	482,519 40	482,519 40	.....
Mayoralty	12,583 34	12,497 75	.....	.....	.....
Supervisors of Elections	117,495 00	90,695 29	345 00	.....	345 00
City Librarian	17,899 32	16,960 02	151 00	.....	151 00
Supervisors of City Charities	448,505 17	426,145 50	1,634 23	.....	1,634 23
Commissioner of Health	83,645 75	83,609 70	538 00	.....	538 00
Quarantine	19,801 05	19,738 00	12,963 24	.....	12,963 24
Appeal Tax Court	165,525 00	152,268 21	.....	.....	.....

Superintendent of Public Buildings	88,804 96	88,759 97	72 99	.....	72 99
Opening Streets	.....	11,642 30	1,620 31	1,620 31	.....
Paving Streets	13,800 00	16,008 51	15,492 37	15,492 37	.....
Diary of City Council	56,105 84	55,730 35	121 21	.....	121 21
General Expenditures	47,288 01	272,194 46	3,865,402 31	2,902,906 05	962,496 26
Four Million 1945 Loan	120,805 92	41,408 81	124,459 49	.....	124,459 49
Conduit 1928 "	189,635 42	166,274 77	160,434 23	.....	160,434 23
Water 1943 "	260,424 51	38,214 47	106,632 35	.....	106,632 35
Public Improvem't 1940 "	604 00	996 82	.....	.....	.....
Burnt District Fund	.....	2,331,987 75	2,788,856 90	.....	2,788,856 90
		$12,193,118 89	$13,244,087 14	.....	.....
Cash balance Dec. 31, 1903	.....	.....	373,099 12	.....	.....
Cash balance Dec. 31, 1904	.....	1,424,067 37	.....	.....	.....
	$10,117,478 87	$13,617,186 26	$13,617,186 26	$6,731,633 82	$6,514,453 32

STATEMENT D.

Fund Held in Trust by the City Register for Property Sold for Taxes December 31, 1904.

Water 5 Per Cent. 1916 Loan.....	$ 1,300 00	
Consolidated 3½ Per Cent. 1930 Loan...	13,412 90	
Refunding 3½ Per Cent. 1940 Loan.....	6,200 00	
Public Improvement 3½ Per Cent. 1940 Loan	2,800 00	
Cash	122 10	
		$23,835 00

REPORT OF THE

FINANCE COMMISSIONERS

OF BALTIMORE CITY

FOR THE YEAR 1904.

BOARD OF FINANCE COMMISSIONERS.

PRESIDENT:

WILTON SNOWDEN.

E. CLAY TIMANUS, MAYOR.

HARRY F. HOOPER, REGISTER.

GEO. R. HEFFNER, COMPTROLLER.

ELISHA H. PERKINS.

SECRETARY:

J. SEWELL THOMAS, DEPUTY REGISTER.

REPORT.

DEPARTMENT OF FINANCE,

SUB-DEPT. COMMISSIONERS OF FINANCE,

CITY HALL.

BALTIMORE, December 31, 1904.

To the Honorable the Members of the First and Second Branches of the City Council of Baltimore.

GENTLEMEN: In compliance with Section 16, Article 47, of the Baltimore City Code of 1893, the Commissioners of Finance have the honor to submit herewith their report showing in detail their transactions during the current year, by the following statements:

1. Receipts and payments on acount of the various sinking funds.
2. The purchases of stock for the sinking funds.
3. The condition of the various sinking funds.
4. The condition of the Enoch Pratt Free Library Fund.
5. The condition of the Horwitz Benevolent Fund.
6. The condition of the Frederick Raine Fund.
7. The condition of the W. M. R. R. Special Fund.
8. A schedule of real estate from which ground rents are derived.
9. Cash balances of sinking funds.
10. A statement of the funded debt.

The matters embraced in the foregoing are exhibited under their respective heads in a detailed form in the appendix to this report.

1—Receipts and Payments.

The receipts were as follows:

Cash to credit of sinking funds on Dec. 31, 1903	$ 384,909 97	
Interest on stocks and investments	633,019 69	
Rental of real estate	35,914 27	
Interest on deposits (daily balances)	11,275 87	
Mayor and City Council, to supply deficiency in income for Enoch Pratt Free Library	4,258 00	
Mayor and City Council, premium on sale of $140,000 Conduit 3½% 1928 Loan	14,710 00	
Mayor and City Council, premium on sale of $107,500 Four Million 3½% 1945 Loan.	16,232 50	
Mayor and City Council, premium on sale of $92,500 Water 3½% 1943 Loan	14,124 75	
Mayor and City Council, surplus for 1903	8,157 40	
Park Board, 5% on gross receipts of Park Tax during 1904	16,860 65	
City Collector, by tax levy	482,519 40	
Certificates of deposit of W. M. R. R. funds paid during year	2,800,000 00	
Sale of $230,000 Four Million 3½% 1945 Loan, at 113, from General Sinking Fund to Special Sinking Funds	259,900 00	
Redemption of Harford Run 4% 1904 Loan.	138,000 00	
Sale of Calvert Street Spring Lot	16,666 67	
		$4,836,549 17

The payments were as follows:

Stock purchases for sinking funds	$1,256,675 18	
Redemption of Five Million 6% 1890 Loan.	100 00	
Redemption of Water 5% 1894 Loan	700 00	
Redemption of W. M. R. R. 6% 1902 Loan	800 00	
Redemption of Harford Run 4% 1904 Loan.	340,000 00	
One year's interest on W. M. R. R. 4% 1925 Loan	27,360 00	
One year's interest on W. M. R. R. 3¼% 1927 Loan	55,380 00	
One year's interest on W. M. R. R. 3½% 1950 Loan	30,625 00	
One year's interest on W. M. R. R. 3½% 1952 Loan	35,000 00	
Amount paid to Mayor and City Council, account Burnt District Fund	2,779,754 25	
Amount paid to Enoch Pratt Free Library.	50,000 00	
Amount paid to School Board, on account Frederick Raine Fund	7 00	
Amount paid to Maryland Institute, on account Frederick Raine Fund	7 00	
Amount paid to Mayor and City Council, Ordinance No. 158, 1904	3,524 97	
		4,579,933 40
Balance to credit of sinking funds Dec. 31, 1904		$ 256,615 77

2—Purchases of Stock.

This statement is submitted in obedience to Section 13, Article 47, Baltimore City Code, and exhibits in detail the purchases of stock during the current year, amounting to $1,141,300.00, at a cost of $1,256,675.18.

3—The Sinking Funds.

This statement shows the condition of the various sinking funds, set apart for the redemption of the public debt, at their face value. They are held in trust by the Commissioners of Finance and amount to $14,392,804.72.

4—Enoch Pratt Free Library Fund.

This statement shows the condition of the Enoch Pratt Free Library Fund, under the control of the Commissioners of Finance, who were required "to invest the interest upon the investments in the sinking fund, and the interest upon the interest, as the same shall be received, in the public debt of the City of Baltimore until the annual income from said investments shall reach the sum of fifty thousand dollars." In the meantime the Mayor and City Council were required to pay the annuity by tax levy. In 1892 taxation for this purpose ceased, for the reason that the income from investments contained in the fund yielded $50,341.00.

By the redemption of the five and six per cent. loans in the fund from 1893 to the year 1902 and the reinvestment of the amounts received therefrom in stock bearing three and one-half per cent. interest, the income has been reduced to $45,742.00; consequently it will be necessary for the Mayor and City Council to supply the annual deficiency of $4,258.00 by taxation.

5—The Horwitz Benevolent Fund.

This statement shows the condition of the Horwitz Benevolent Fund, under the management of the Commissioners of Finance, who on December 28, 1888, under authority of Resolution No. 7, of 1888, accepted from the executors of Orville Horwitz, deceased, the sum of ten thousand dollars ($10,000), which, with its increments is in the said last will and testament directed to be known as the "Horwitz Benevolent Fund."

6—The Frederick Raine Fund.

This statement shows the condition of the Frederick Raine Fund, under the control of the Commissioners of Finance, who, on November 6, 1897, under authority of Resolution No. 51, of 1897, accepted from the executors of the estate of Frederick Raine, deceased, four

hundred dollars (and accrued interest amounting to eighteen dollars and seventy cents), which amount has been invested in city stock; "the interest on two hundred dollars thereof to be annually expended for a medal, to be known as the 'Frederick Raine Medal,' and to be presented to the student in Baltimore City College who shall be adjudged, by the methods of determining merit practiced in said College to be most proficient in the study of the German language and German literature," and "the interest on two hundred dollars thereof to be annually expended for a medal known as the 'Frederick Raine Medal,' and to be presented to the student in the Maryland Institute for the promotion of the Mechanics' Arts, who shall be adjudged, by the methods of determining merit practiced in said Institute, to be most proficient in mechanical drawing," according to the terms of the last will and testament of said Frederick Raine, deceased.

7—Real Estate and Ground Rents.

The schedule of real estate and ground rents, presented in this form for convenience of reference, embraces only so much of the city property as is in control and shown upon the books of the Commissioners of Finance, and from which income is derived from rentals.

The income derived from public wharves, turnpike stocks and market houses being applied to current expenses of the Mayor and City Council does not appear in these accounts. (Section 14, Article 47, City Code.)

8—Cash Balances of Sinking Funds.

This statement shows the cash balances of the sinking funds, which aggregate on December 31, 1904, $256,615.77.

Western Maryland Railroad Company.

A sale of the city's interest in the Western Maryland Railroad Company was made on June 27, 1902, to the Fuller Syndicate for the sum of $8,751,370.45 *cash*, and the securities and cash contained in the following sinking funds, held in trust by the Commissioners of Finance for the Western Maryland Railroad Company, viz.: The Hillen Station Sinking Fund, amounting to $87,959.57, which was set apart for the redemption of the ground rent on Hillen Station property; The Western Maryland Railroad Terminal Company Sinking Fund, amounting to $35,187.85, which was set apart for the redemption of the ground rent on the Western Maryland Railroad Terminal Company depot property; also, the Western

Maryland Railroad 1927 Loan Sinking Fund, amounting to $162,662.29, which was set apart for the redemption of the Western Maryland Railroad 3¼ Per Cent. 1927 Loan. This last named amount of $162,662.29, with the addition of $4,263,000, plus $65,909.71, making a total of $4,328,909.71 invested, as shown by Statement No. 3 in appendix to this report, was placed in a special sinking fund, to be called the "Western Maryland Railroad Sinking Fund," for the redemption at maturity of the Western Maryland Railroad 4 Per Cent. 1925 Loan, amounting to $684,000; the Western Maryland Railroad 3¼ Per Cent. 1927 Loan, amounting to $1,704,000; the Western Maryland Railroad 3½ Per Cent. 1950 Loan, amounting to $875,000; and the Western Maryland Railroad 3½ Per Cent. 1952 Loan, amounting to $1,000,000. Total, $4,263,000.

The investment of $4,263,000 of above amount of $4,328,909.71 is secured by certificates of deposit with a like amount of city stock as collateral, the balance has been paid and invested in city stock.

The interest on the investment of said fund is to be applied to the payment of the annual interest on the outstanding loans mentioned. The addition to the special of $4,263,000 of the amount contained in the Western Maryland Railroad 1927 Loan Sinking Fund ($162,662.29), and $65,909.71 from proceeds of the sale was made in order to provide the annual deficiency between the fixed interest charge of $148,365 per annum on above outstanding loans and the interest to be derived from the investment of $4,263,000 in said sinking fund at 3¼ per cent., amounting to $138,547.50 annually.

The balance of the purchase price of the Western Maryland Railroad, amounting to the sum of $4,422,460.74, excepting $100,000 paid on account of purchase May 7, 1902, and invested in city stock, was by the Commissioners of Finance, with the approval of the Mayor, invested in certificates of deposit of national banks and trust companies of Baltimore City, bearing three and one-half per cent. interest per annum, the payment of which is guaranteed by bonding companies. These certificates are subject to thirty days' call.

The Commissioners of Finance, under and by authority of Chapter 87, Acts of the General Assembly of Maryland, 1904, have transferred the balance of the purchase price named above ($4,422,460.74), with the accumulations of interest, amounting in the aggregate to $4,656,584,47, from the General Sinking Fund to a special fund for use in the Burnt District.

Of this aggregate amount $2,779,754.25 has been paid to the City Treasurer, under ordinances of the Mayor and City Council appropriating the same, leaving the face value of said fund on December 31, 1904, at $1,963,069.14. (See Statement No. 7, Appendix.)

INCREMENT OF THE SINKING FUNDS.

The increment of the sinking funds from December 31, 1903, to December 31, 1904, amounting to		$ 862,925 71
Was derived thus:		
From interest upon stocks and investments	$487,799 08	
From rental of real estate	35,914 27	
From interest on deposits (daily balances).	3,803 42	
From Mayor and City Council, surplus for 1903	8,157 40	
From City Collector, by tax levy	482,519 40	
From premium on sale of $340,000 3½% stock	45,067 25	
From Park Board, 5% on gross receipts Park Tax	16,860 65	
		1,080,121 47
From which deduct:		
Premium on stocks purchased	65,305 79	
One year's interest on W. M. R. R. 4% 1925 Loan	27,360 00	
One year's interest on W. M. R. R. 3¼% 1927 Loan	55,380 00	
One year's interest on W. M. R. R. 3½% 1950 Loan	30,625 00	
One year's interest on W. M. R. R. 3½% 1952 Loan	35,000 00	
Refund to Mayor and City Council from surplus, Ordinance No. 158, 1904	3,524 97	
		217,195 76
		$ 862,925 71

The value of the sinking funds on Dec. 31, 1903, was	$18,527,963 48
The value of the sinking funds on Dec. 31, 1904, is	14,392,804 72
Showing a decrease during the year of	$ 4,135,158 76

Thus:

Amount of funds, with the accumulation of interest, derived from the sale of city's interest in the Western Maryland R. R. Co., transferred by virtue of a legislative enactment from the General Sinking Fund (where amount was placed when received) to the W. M. R. R. Special Fund.	$4,656,584 47	
Redemption of Harford Run 4% 1904 Loan.	340,000 00	
Redemption of W. M. R. R. 6% 1902 Loan.	800 00	
Redemption of Water 5% 1894 Loan	700 00	
		$4,998,084 47
Less:		
Increment to Sinking Fund		862,925 71
		$4,135,158 76

9—Funded Debt.

The Funded Debt on Dec. 31, 1903, was	$39,964,482 95
The Funded Debt on Dec. 31, 1904, is	39,962,882 95
Showing a decrease during the year of	$ 1,600 00

Thus:

W. M. R. R. 6% 1902 Loan redeemed	$ 800 00	
Five Million 6% 1890 Loan redeemed	100 00	
Water 5% 1894 Loan redeemed	700 00	
Harford Run 4% 1904 Loan redeemed	340,000 00	
	$ 341,600 00	
Less:		
Conduit 3½% 1928 Loan issued	$140,000 00	
Water 3½% 1943 Loan issued	92,500 00	
Four Million 3½% 1945 Loan issued	107,500 00	
	340,000 00	
		1,600 00

Increase of Funded Debt Authorized, But Not Yet Issued.

Conduit 3½% 1928 Loan, Ord. 87, 1902	$ 780,000 00	
Water 3½% 1943 Loan, Ord. 86, 1902	872,500 00	
B. D. Imp. 3½% 1954 Loan, Ord. 71, 1902	6,000,000 00	
		$7,652,500 00

The Financial Condition of the Corporation.

Amount of the Funded Debt Dec. 31, 1904		$39,962,882 95
Against which the city holds the following assets:		
Sinking Funds, face value	$14,392,804 72	
Water Works, stock outstanding	8,627,500 00	
Subway System, stock outstanding	1,220,000 00	
500 shares Balto. & Reisterstown Turnpike stock	2,062 50	
137 shares Balto. & Frederick Turnpike stock	456 66	
		24,242,823 88
Excess of Funded Debt over productive assets		$15,720,059 07

UNPRODUCTIVE.

10,000 shares of Valley Railroad Company of Virginia stock	$.....	
625 shares of Balto. & York Turnpike stock	.....	
New Court House, cost	2,750,000 00	
Market and school houses, wharves, City Hall, jail, police stations, almhouse, iceboats, Quarantine Station, public parks and squares, morgue, etc., valued at	11,500,000 00	
		$14,250,000 00

The 1,312 shares of Turnpike stock named above are not in the custody of the Commissioners of Finance.

The foregoing statement does not embrace any items connected with the current receipts and expenditures, but refers only to the stock obligations of the corporation and to investments specially set apart for the redemption of the same. The accounts now submitted for your consideration exhibit in detail all the transactions of the Commissioners of Finance for the current fiscal year.

They show the receipts, including a cash balance of $384,909.97 at the beginning of the year to have been	$4,836,549.17
And the payments to have been	4,579,933.40
Leaving a balance to credit of sinking funds on December 31, 1904, of	$ 256,615.77

This Board purchased from the Mayor and City Council during the year for the sinking funds $40,000.00 Conduit 3½ Per Cent. 1928 Loan, at $108.25.

Respectfully submitted,

WILTON SNOWDEN, President,
E. CLAY TIMANUS, Mayor,
HARRY F. HOOPER, Register,
GEO. R. HEFFNER, Comptroller,
ELISHA H. PERKINS,
Commissioners of Finance.

J. SEWELL THOMAS, Deputy Register,
Secretary to Commissioners of Finance.

APPENDIX.

STATEMENT

DR. THE COMMISSIONERS OF FINANCE IN ACCOUNT WITH

Balance December 31, 1903		$ 384,909 97
To General Sinking Fund.		
From Interest on stocks	$ 101,395 60	
From Interest on deposits (daily balances)	3,803 42	
From rental of real estate	35,914 27	
From City Collector by tax levy	68,626 56	
From Mayor and City Council, surplus for 1903	8,157 40	
From sale of Calvert Street Spring Lot	16,666 67	
From redemption of Harford Run 1904 Loan	97,000 00	
From sale of $230,000 Four Million 3½% 1945 Loan, at 113	259,900 00	
		591,463 92
To W. M. R. R. Special Fund.		
From General Sinking Fund, amount deposited with bid of "Fuller Syndicate" on May 7, 1902	$ 100,000 00	
From General Sinking Fund, accumulated interest on certificates of deposit, since June 27, 1902, to Dec. 31, 1903	234,123 73	
From General Sinking Fund, amount of certificate of deposit of Md. Trust Co., paid Nov. 27, 1903	300,000 00	
From interest on certificates of deposit during 1904	92,754 28	
From interest on deposits (daily balances)	7,472 45	
From interest on stocks in fund	6,125 33	
From redemption of Harford Run 4% 1904 Loan	26,000 00	
From certificates of deposit paid during current year	2,734,090 29	
		3,500,566 08
To Public Park Sinking Fund.		
From interest on stocks		252 25
To Public Park Sinking Fund, No. 2.		
From interest on stocks	$ 4,593 00	
From Park Board, 5% on gross receipts of Park Tax for 1904	16,860 65	
		21,453 65
Amount carried forward		$4,498,645 87

No. 1.

THE MAYOR AND CITY COUNCIL OF BALTIMORE. CR.

BY GENERAL SINKING FUND.

For redemption of Water 5% 1894 Loan..$	700 00	
For redemption W. M. R. R. 6% 1902 Loan.	800 00	
For redemption Harford Run 4% 1904 Loan.	340,000 00	
For purchase of $80,000 W. M. R. R. 3¼% 1927 Loan	84,000 00	
For purchase $5,100 Harford Run 4% 1920 Loan	5,782 38	
For purchase $1,000 Funding 5% 1916 Loan	1,224 80	
For purchase $700 Consol. 3½% 1930 Loan.	754 83	
For payment to W. M. R. R. Special Fund (deposit with syndicate bid)	100,000 00	
For payment of accumulated interest on W. M. R. R. Fund to W. M. R. R. Special Fund	234,123 73	
For payment of amount received for certificate of deposit from Md. Trust Co. in 1903 to W. M. R. R. Special Fund	300,000 00	
For payment to Mayor and City Council for account surplus Ord. No. 158, 1904	3,524 97	
		$1,070,910 71

BY W. M. R. R. SPECIAL FUND.

For purchase of $300,000 State of Mass. 3½% Stock of 1944..$	319,544 38	
For purchase of $26,000 Harford Run 4% 1904 Stock	26,568 76	
For amount paid to City Treasury for account Burnt District Commission	2,779,754 25	
		3,125,867 39

BY PUBLIC PARK SINKING FUND.

For purchase of $1,000 Four Million 3½% 1945 Loan...	1,130 00

BY PUBLIC PARK SINKING FUND, NO. 2.

For purchase of $10,000 W. M. R. R. 3½% 1950 Loan..$	11,153 75	
For purchase of $3,000 W. M. R. R. 4% 1925 Loan	3,462 46	
For purchase of $10,000 Four Million 3½% 1945 Loan	11,300 00	
		25,916 21

BY REDEMPTION OF FIVE MILLION 1890 LOAN.

For redemption of Five Million 6% 1890 Loan.....	100 00

Amount carried forward.....$4,223,924 31

STATEMENT

DR. THE COMMISSIONERS OF FINANCE IN ACCOUNT WITH

Amount brought forward		$4,498,645 87
To W. M. R. R. Sinking Fund.		
From interest on stocks	$ 7,289 00	
From interest on certificates of deposit	138,931 98	
From Continental Trust Co., certificate of deposit	65,909 71	
		212,130 69
To Public Improvement 1940 Loan Sinking Fund.		
From interest on stocks	$ 26,430 50	
From City Collector, by tax levy	59,386 99	
From redemption of Harford Run 4% 1904 Loan	15,000 00	
		100,817 49
To Internal Improvement 1928 Loan Sinking Fund.		
From interest on stocks	$ 56,021 00	
From City Collector, by tax levy	89,080 56	
		145,101 56
To Four Million 1945 Loan Sinking Fund.		
From interest on stocks	$ 10,997 00	
From City Collector, by tax levy	14,846 77	
From premium sale $107,500 Four Million 3½% 1945 Loan	16,232 50	
		42,076 27
To Funding 1936 Loan Sinking Fund.		
From interest on stocks	$ 10,575 00	
From City Collector, by tax levy	29,693 49	
		40,268 49
To Water 1922 Loan Sinking Fund.		
From interest on stocks	$ 10,628 00	
From City Collector, by tax levy	14,846 77	
		25,474 77
To Water 1926 Loan Sinking Fund.		
From interest on stocks	$ 20,824 25	
From City Collector, by tax levy	29,693 49	
		50,517 74
Amount carried forward		$5,115,032 88

No. 1—Continued.

THE MAYOR AND CITY COUNCIL OF BALTIMORE. CR.

Amount brought forward		$4,223,924 31
BY W. M. R. R. SINKING FUND.		
For $50,000 Water 4% 1926 Loan	$ 58,495 83	
For one year's interest on W. M. R. R. 4% 1925 Loan	27,360 00	
For one year's interest on W. M. R. R. 3¼% 1927 Loan	55,380 00	
For one year's interest on W. M. R. R. 3½% 1950 Loan	30,625 00	
For one year's interest on W. M. R. R. 3½% 1952 Loan	35,000 00	
		206,860 83
BY PUBLIC IMPROVEMENT 1940 LOAN SINKING FUND.		
For $2,800 Public Imp. 3½% 1940 Loan	$ 3,119 84	
For $65,000 Public Imp. 3½% 1940 Loan	71,768 13	
For $28,000 Four Million 3½% 1945 Loan	31,640 00	
		106,527 97
BY INTERNAL IMPROVEMENT 1928 LOAN SINKING FUND.		
For $110,700 Int. Imp. 3½% 1928 Loan	$ 119,922 25	
For $30,000 Four Million 3½% 1945 Loan	33,900 00	
		153,822 25
BY FOUR MILLION 1945 LOAN SINKING FUND.		
For $10,000 W. M. R. R. 3½% 1950 Loan	$ 11,153 75	
For $3,000 W. M. R. R. 4% 1925 Loan	3,462 46	
For $25,000 Four Million 3½% 1945 Loan	28,250 00	
		42,866 21
BY FUNDING 1936 LOAN SINKING FUND.		
For $20,000 W. M. R. R. 3½% 1950 Loan	$ 22,307 50	
For $4,000 W. M. R. R. 4% 1925 Loan	4,616 65	
For $15,000 Four Million 3½% 1945 Loan	16,950 00	
		43,874 15
BY WATER 1922 LOAN SINKING FUND.		
For $10,000 W. M. R. R. 3½% 1950 Loan	$ 11,153 75	
For $4,000 W. M. R. R. 4% 1925 Loan	4,616 65	
For $10,000 Four Million 3½% 1945 Loan	11,300 00	
		27,070 40
Amount carried forward		$4,804,946 12

STATEMENT

DR. THE COMMISSIONERS OF FINANCE IN ACCOUNT WITH

Amount brought forward		$5,115,032 88
To Water 1916 Loan Sinking Fund.		
From interest on stocks	$ 67,371 25	
From City Collector, by tax levy	59,386 99	
		126,758 24
To Enoch Pratt Free Library Fund.		
From interest on stocks	$ 45,742 00	
From Mayor and City Council, to supply deficiency in income for 1904	4,258 00	
		50,000 00
To Conduit 1928 Loan Sinking Fund.		
From interest on stocks	$ 1,330 25	
From City Collector, by tax levy	27,877 30	
From premium on sale of $140,000 Conduit 3½% 1928 Loan	14,710 00	
		43,917 55
To Horwitz Benevolent Fund.		
From interest on stocks		585 00
To Frederick Raine Fund.		
From interest on stocks		14 00
To Conduit 1922 Loan Sinking Fund.		
From interest on stocks	$ 6,360 00	
From City Collector, by tax levy	29,693 49	
		36,053 49
To Refunding 1940 Loan Sinking Fund.		
From interest on stocks	$ 24,800 00	
From City Collector, by tax levy	59,386 99	
		84,186 99
To Water 1943 Loan Sinking Fund.		
From premium on sale of $92,500 Water 3½% 1943 Loan		14,124 75
		$5,470,672 90

No. 1—Concluded.

THE MAYOR AND CITY COUNCIL OF BALTIMORE. CR.

Amount brought forward		$4,804,946 12
By Water 1926 Loan Sinking Fund.		
For $6,100 Water 5% 1916 Loan	$ 7,364 77	
For $10,000 Int. Imp. 3½% 1928 Loan	10,792 60	
For $2,000 Funding 5% 1916 Loan	2,360 00	
For $25,000 Four Million 3½% 1945 Loan	28,250 00	
		48,767 37
By Water 1916 Loan Sinking Fund.		
For $59,100 Water 5% 1916 Loan	$ 72,129 92	
For $20,000 Conduit 3½% 1928 Loan	21,650 00	
For $30,000 Four Million 3½% 1945 Loan	33,900 00	
		127,679 92
By Enoch Pratt Free Library Fund.		
For annuity		50,000 00
By Conduit 1928 Loan Sinking Fund.		
For $10,300 Int. Imp. 3½% 1928 Loan	$ 11,124 00	
For $5,000 W. M. R. R. 4% 1925 Loan	5,770 76	
For $20,000 Conduit 3½% 1928 Loan	21,650 00	
		38,544 76
By Horwitz Benevolent Fund.		
For $500.00 Consolidated 3½% 1930 Loan		556 25
By Frederick Raine Fund.		
For amount paid School Board	$ 7 00	
For amount paid Maryland Institute	7 00	
		14 00
By Conduit 1922 Loan Sinking Fund.		
For $20,000 Int. Imp. 3½% 1928 Loan	$ 21,600 00	
For $3,000 W. M. R. R. 4% 1925 Loan	3,462 46	
For $15,000 Four Million 3½% 1945 Loan	16,950 00	
		42,012 46
By Refunding 1940 Loan Sinking Fund.		
For $50,000 Pub. Imp. 3½% 1940 Loan	$ 55,206 25	
For $26,000 Four Million 3½% 1945 Loan	29,380 00	
		84,586 25
By Water 1943 Loan Sinking Fund.		
For $15,000 Four Million 3½% 1945 Loan		16,950 00
Balance December 31, 1904		256,615 77
		$5,470,672 90

STATEMENT No. 2.

STOCKS PURCHASED FOR SINKING FUNDS AS REQUIRED BY SECTION 13, ARTICLE 47, CITY CODE.

Date.	Sinking Fund.	Amount Purchased.	Description of Stock.	Amount Paid
Jan. 2..	General	$ 80,000 00	W. M. R. R. 3¼% 1927 Loan	$ 84,000 00
Jan. 7..	General	5,100 00	Harford Run 4% 1920 Loan	5,782 38
Jan. 7..	Public Improvement, 1940..	500 00	Pub. Imp. 3½% 1940 Loan	561 09
Jan. 12..	General	1,000 00	Funding 5% 1916 Loan	1,224 80
Jan. 20..	Water 1916 Loan	59,100 00	Water 5% 1916 Loan	72,129 92
Jan. 28..	Horwitz Benevolent Fund..	500 00	Consol. 3½% 1930 Loan	556 25
Jan. 30..	Water 1926 Loan	4,000 00	Water 5% 1916 Loan	4,886 77
Jan. 30..	Public Improvement 1940..	2,300 00	Pub. Imp. 3½% 1940 Loan	2,558 75
Feb. 1..	General	300 00	Consol. 3½% 1930 Loan	328 20
Feb. 6..	W. M. R. R. Special	300,000 00	State Mass. 3½% 1944 Loan	319,544 38
Mar. 4..	W. M. R. R.	50,000 00	Water 4% 1926 Loan	58,495 83
Mar. 4..	Public Improvement 1940..	65,000 00	Pub. Imp. 3½% 1940 Loan	71,768 13
Mar. 4..	Refunding 1940	50,000 00	Pub. Imp. 3½% 1940 Loan	55,206 25
Mar. 4..	Int. Imp. 1928	110,000 00	Int. Imp. 3½% 1928 Loan	119,176 75
Apr. 14..	Public Park, No. 2	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
Apr. 14..	Four Million 1945	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
Apr. 14..	Funding 1936	20,000 00	W. M. R. R. 3½% 1950 Loan	22,307 50
Apr. 14..	Water 1922	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
May 3..	Water 1926 Loan	10,000 00	Int. Imp. 3½% 1928 Loan	10,792 60
May 3..	Conduit 1922 Loan	20,000 00	Int. Imp. 3½% 1928 Loan	21,600 00
May 3..	Conduit 1928 Loan	10,300 00	Int. Imp. 3½% 1928 Loan	11,124 00
May 6..	Water 1926 Loan	2,000 00	Funding 5% 1916 Loan	2,360 00
May 6..	Water 1926 Loan	2,100 00	Water 5% 1916 Loan	2,478 00
May 11..	Four Million 1945 Loan	3,000 00	W. M. R. R. 4% 1925 Loan	3,462 46
May 11..	Funding 1936 Loan	4,000 00	W. M. R. R. 4% 1925 Loan	4,616 65
May 11..	Water 1922 Loan	4,000 00	W. M. R. R. 4% 1925 Loan	4,616 65

May	11..	Public Park, No. 2.....	3,000 00	W. M. R. R. 4% 1925 Loan.....	3,462 46
May	11..	Conduit 1922 Loan.....	3,000 00	W. M. R. R. 4% 1925 Loan.....	3,462 46
May	11..	Conduit 1928 Loan.....	5,000 00	W. M. R. R. 4% 1925 Loan.....	5,770 76
May	13..	W. M. R. R. Special.....	26,000 00	Harford Run 4 % 1904 Loan.....	26,568 76
Dec.	2..	General	400 00	Consol. 3½% 1930 Loan.....	426 63
Dec.	29..	Int. Imp. 1928 Loan.....	700 00	Int. Imp. 3½% 1928 Loan.....	745 50
Dec.	30..	Water 1916 Loan.....	20,000 00	Conduit 3½% 1928 Loan.....	21,650 00
Dec.	30..	Conduit 1928 Loan.....	20,000 00	Conduit 3½% 1928 Loan.....	21,650 00
Dec.	30..	Public Park	1,000 00	Four Million 3½% 1945 Loan.....	1,130 00
Dec.	30..	Public Park, No. 2.....	10,000 00	Four Million 3½% 1945 Loan.....	11,300 00
Dec.	30..	Pub. Imp. 1940 Loan.....	28,000 00	Four Million 3½% 1945 Loan.....	31,640 00
Dec.	30..	Int. Imp. 1928 Loan.....	30,000 00	Four Million 3½% 1945 Loan.....	33,900 00
Dec.	30..	Four Million 1945 Loan....	25,000 00	Four Million 3½% 1945 Loan.....	28,250 00
Dec.	30..	Funding 1936 Loan.....	15,000 00	Four Million 3½% 1945 Loan.....	16,950 00
Dec.	30..	Water 1922 Loan.....	10,000 00	Four Million 3½% 1945 Loan.....	11,300 00
Dec.	30..	Water 1926 Loan.....	25,000 00	Four Million 3½% 1945 Loan.....	28,250 00
Dec.	30..	Water 1916 Loan.....	30,000 00	Four Million 3½% 1945 Loan.....	33,900 00
Dec.	30..	Water 1943 Loan.....	15,000 00	Four Million 3½% 1945 Loan.....	16,950 00
Dec.	30..	Conduit 1922 Loan.....	15,000 00	Four Million 3½% 1945 Loan.....	16,950 00
Dec.	30..	Refunding 1940 Loan.....	20,000 00	Four Million 3½% 1945 Loan.....	29,380 00
			$1,141,300 00		$1,256,675 18

RECAPITULATION.

Sinking Fund.	Amount Purchased.	Description of Stock.	Amount Paid
General	$ 80,000 00	W. M. R. R. 3¼% 1927 Loan	$ 84,000 00
General	5,100 00	Harford Run 4% 1920 Loan	5,782 38
General	1,000 00	Funding 5% 1916 Loan	1,224 80
General	700 00	Consol. 3½% 1930 Loan	754 83
Pub. Imp. 1940 Loan	67,800 00	Pub. Imp. 3½% 1940 Loan	74,887 97
Pub. Imp. 1940 Loan	28,000 00	Four Million 3½% 1945 Loan	31,640 00
Water 1916 Loan	59,100 00	Water 5% 1916 Loan	72,120 92
Water 1916 Loan	30,000 00	Four Million 3½% 1945 Loan	33,900 00
Water 1916 Loan	20,000 00	Conduit 3½% 1928 Loan	21,650 00
Water 1922 Loan	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
Water 1922 Loan	4,000 00	W. M. R. R. 4% 1925 Loan	4,616 65
Water 1922 Loan	10,000 00	Four Million 3½% 1945 Loan	11,300 00
Water 1926 Loan	6,100 00	Water 5% 1916 Loan	7,364 77
Water 1926 Loan	10,000 00	Int. Imp. 3½% 1928 Loan	10,792 60
Water 1926 Loan	2,000 00	Funding 5% 1916 Loan	2,360 00
Water 1926 Loan	25,000 00	Four Million 3½% 1945 Loan	28,250 00
Horwitz Ben. Fund	500 00	Consol. 3½% 1930 Loan	556 25
W. M. R. R. Spec. Fund.	300,000 00	State Mass. 3½% 1944 Loan	319,544 38
W. M. R. R. Spec. Fund.	26,000 00	Harford Run 4% 1904 Loan	26,568 76
W. M. R. R.	50,000 00	Water 4% 1926 Loan	58,495 83
Refunding 1940 Loan	50,000 00	Pub. Imp. 3½% 1940 Loan	55,206 25
Refunding 1940 Loan	26,000 00	Four Million 3½% 1945 Loan	29,380 00
Inter. Imp. 1928 Loan	110,700 00	Inter. Imp. 3½% 1928 Loan	119,922 25
Inter. Imp. 1928 Loan	30,000 00	Four Million 3½% 1945 Loan	33,900 00
Public Park	1,000 00	Four Million 3½% 1945 Loan	1,130 00
Public Park, No. 2	10,000 00	Four Million 3½% 1945 Loan	11,300 00
Public Park, No. 2	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
Public Park, No. 2	3,000 00	W. M. R. R. 4% 1925 Loan	3,462 46

Four Million 1945 Loan	10,000 00	W. M. R. R. 3½% 1950 Loan	11,153 75
Four Million 1945 Loan	3,000 00	W. M. R. R. 4% 1925 Loan	3,462 46
Four Million 1945 Loan	25,000 00	Four Million 3½% 1945 Loan	28,250 00
Funding 1936 Loan	20,000 00	W. M. R. R. 3½% 1950 Loan	22,307 50
Funding 1936 Loan	4,000 00	W. M. R. R. 4% 1925 Loan	4,616 65
Funding 1936 Loan	15,000 00	Four Million 3½% 1945 Loan	16,950 00
Conduit 1922 Loan	20,000 00	Int. Imp. 3½% 1928 Loan	21,600 00
Conduit 1922 Loan	3,000 00	W. M. R. R. 4% 1925 Loan	3,462 46
Conduit 1922 Loan	15,000 00	Four Million 3½% 1945 Loan	16,950 00
Conduit 1928 Loan	10,300 00	Int. Imp. 3½% 1928 Loan	11,124 00
Conduit 1928 Loan	5,000 00	W. M. R. R. 4% 1925 Loan	5,770 76
Conduit 1928 Loan	20,000 00	Conduit 3½% 1928 Loan	21,650 00
Water 1943 Loan	15,000 00	Four Million 3½% 1945 Loan	16,950 00
	$1,141,300 00		$1,256,675 18

STATEMENT NO. 3.

Condition of the Sinking Funds December 31, 1904.

General Sinking Fund.

(For the redemption of $7,247,179.50 of various loans, viz.: $1,000,000.00 Funding 5% 1916 Loan; $280,000.00 McDonogh Extension 5% 1916 Loan; $250,000.00 Harford Run 4% 1920 Loan; $200,000.00 Patterson Park Extension 4% 1920 Loan; $500,000.00 Paving 4% 1920 Loan; $5,000,000.00 Consolidated 3½% 1930 Loan, and $17,179,50 of overdue stock.)

Water 5% 1916 Loan	$ 33,000 00	
Funding 5% 1916 Loan	19,400 00	
		$ 52,400 00
Harford Run 4% 1920 Loan	$ 10,000 00	
Paving 4% 1920 Loan	3,000 00	
Patterson Park 4% 1920 Loan	5,000 00	
Water 4% 1926 Loan	500 00	
W. M. R. R. 4% 1925 Loan	35,600 00	
		54,100 00
Conduit 3½% 1922 Loan	$ 240,000 00	
Conduit 3½% 1928 Loan	40,000 00	
Consolidated 3½% 1930 Loan	40,281 37	
Funding 3½% 1936 Loan	15,000 00	
Public Improvement 3½% 1940 Loan	666,100 00	
Refunding 3½% 1940 Loan	353,000 00	
Water 3½% 1943 Loan	30,000 00	
Four Million 3½% 1945 Loan	548,200 00	
W. M. R. R. 3½% 1952 Loan	100,000 00	
		2,032,581 37
W. M. R. R. 3¼% 1927 Loan		417,800 00
Real estate from which an annual income of $8,270.36 is derived		137,839 33
Ground rents on city property from which an annual income of $27,281.87 is derived, and purchased under Ordinance No. 81, 1881, cost		470,506 09
		$3,165,226 79
Less amount over-invested		164,467 89
		$3,000,758 90

Public Park Sinking Fund.

Ordinance No. 84, 1891.

Public Improvement 3½% 1940 Loan	$ 6,000 00
W. M. R. R. 3½% 1927 Loan	1,300 00
Four Million 3½% 1945 Loan	1,000 00
Cash	44 18
	$ 8,344 18

PUBLIC PARK SINKING FUND NO. 2.

(For redemption of $1,000,000.00 of Four Million 3½% 1945 Loan, issued for purchase of land for park purposes.)

Water 5% 1916 Loan		$ 3,700 00
W. M. R. R. 4% 1925 Loan		3,000 00
Funding 3½% 1936 Loan	$ 15,000 00	
Pub. Imp. 3½% 1940 Loan	18,900 00	
Refunding 3½% 1940 Loan	9,500 00	
Four Million 3½% 1945 Loan	55,400 00	
Conduit 3½% 1922 Loan	23,000 00	
W. M. R. R. 3½% 1950 Loan	10,000 00	
		131,800 00
W. M. R. R. 3¼% 1927 Loan		8,000 00
Cash		335 20
		$ 146,835 20

W. M. R. R. SINKING FUND.

(For redemption of $4,263,000 W. M. R. R. Loans, viz.: $684,000 4%, due 1925; $1,704,000 3¼%, due 1927; $875,000 3½%, due 1950, and $1,000,000 3½%, due in 1952. The interest derived from the investments of this fund is applied to the payment of the annual interest on the above-named outstanding loans.)

$4,263,000 of certificates of deposit named below are secured by city stock as collateral.

Water 4% 1926 Loan		$ 50,000 00
Con. 3½% 1930 Loan	$ 1,700 00	
Pub. Imp. 3½% 1940 Loan	13,700 00	
Refunding 3½% 1940 Loan	7,000 00	
Four Million 3½% 1945 Loan	14,500 00	
		36,900 00
W. M. R. R. 3¼% 1927 Loan		123,000 00
Certificate of deposit, Mer. Trust & Dep. Co. of Baltimore, at 3¼% per annum	1,979,000 00	
Certificate of deposit, Balto. Trust & Guarantee Co., at 3¼% per annum	684,000 00	
Certificate of deposit, Internat. Trust Co., of Baltimore, at 3¼% per annum	500,000 00	
Certificate of deposit, Security Storage & Trust Co., of Balto., at 3¼% per annum	60,000 00	
Certificate of deposit, American Bonding Co., of Balto., at 3¼% per annum	200,000 00	
Certificate of deposit, 3d National Bank of Baltimore, at 3¼% per annum	500,000 00	
Certificate of deposit, Nat. Bank of Commerce of Baltimore, at 3¼% per annum	340,000 00	
		4,263,000 00
Cash		16,036 43
		$4,488,936 43

PUBLIC IMPROVEMENT 1940 LOAN SINKING FUND.

(For redemption of $6,000,000.00 3½% stock, maturing in 1940.)

Water 5% 1916 Loan		$ 10,000 00
Harford Run 4% 1920 Loan	$ 2,600 00	
Water 4% 1926 Loan	1,500 00	
W. M. R. R. 4% 1925 Loan	600 00	
		4,700 00
Conduit 3½% 1922 Loan	$ 25,000 00	
Cons. 3½% 1930 Loan	6,800 00	
Funding 3½% 1936 Loan	20,000 00	
Pub. Imp. 3½% 1940 Loan	450,100 00	
Refunding 3½% 1940 Loan	50,000 00	
Water 3½% 1943 Loan	5,000 00	
Four Million 3½% 1945 Loan	162,500 00	
W. M. R. R. 3½% 1952 Loan	3,000 00	
		722,400 00
W. M. R. R. 3¼% 1927 Loan		56,000 00
Cash		2,748 83
		$ 795,848 83

INTERNAL IMPROVEMENT 1928 LOAN SINKING FUND.

(For redemption of $4,850,000.00 of 3½% stock, maturing in 1928.)

Water 5% 1916 Loan	$ 128,000 00	
Funding 5% 1916 Loan	8,900 00	
		$ 136,900 00
Harford Run 4% 1920 Loan	$ 7,700 00	
W. M. R. R. 4% 1925 Loan	10,300 00	
		18,000 00
Conduit 3½% 1922 Loan	$ 50,000 00	
Int. Imp. 3½% 1928 Loan	304,700 00	
Cons. 3½% 1930 Loan	8,000 00	
Funding 3½% 1936 Loan	5,000 00	
Pub. Imp. 3½% 1940 Loan	478,100 00	
Refunding 3½% 1940 Loan	80,000 00	
Four Million 3½% 1945 Loan	347,500 00	
		1,273,300 00
W. M. R. R. 3¼% 1927 Loan		212,000 00
Cash		1,622 47
		$1,641,822 47

FOUR MILLION 1945 LOAN SINKING FUND.

(For redemption of $3,000,000.00 of 3½% stock, maturing in 1945.)

W. M. R. R. 4% 1925 Loan		$ 3,000 00
Funding 3½% 1936 Loan	$ 10,000 00	
Public Improvement 3½% 1940 Loan	120,200 00	
Refunding 3½% 1940 Loan	12,000 00	
Four Million 3½% 1945 Loan	181,000 00	
W. M. R. R. 3½% 1950 Loan	10,000 00	
		333,200 00
W. M. R. R. 3¼% 1927 Loan		10,000 00
Cash		607 80
		$ 346,807 80

FUNDING 1936 LOAN SINKING FUND.

(For redemption of $1,453,300 of 3½% stock, maturing in 1936.)

Harford Run 4% 1920 Loan	$ 500 00	
W. M. R. R. 4% 1925 Loan	4,000 00	
		$ 4,500 00
Conduit 3½% 1922 Loan	$ 20,000 00	
Consolidated 3½% 1930 Loan	400 00	
Funding 3½% 1936 Loan	25,400 00	
Public Improvement 3½% 1940 Loan	58,300 00	
Refunding 3½% 1940 Loan	20,000 00	
Four Million 3½% 1945 Loan	164,400 00	
W. M. R. R. 3½% 1950 Loan	20,000 00	
		308,500 00
W. M. R. R. 3¼% 1927 Loan		17,000 00
Cash		2,219 41
		$ 332,219 41

WATER 1922 LOAN SINKING FUND.

(For redemption of $500,000.00 of 4% Stock, maturing in 1922.)

Water 5% 1916 Loan		$ 22,600 00
W. M. R. R. 4% 1925 Loan		4,000 00
Conduit 3½% 1922 Loan	$ 38,000 00	
Public Improvement 3½% 1940 Loan	161,700 00	
Refunding 3½% 1940 Loan	15,000 00	
Four Million 3½% 1945 Loan	56,600 00	
W. M. R. R. 3½% 1950 Loan	10,000 00	
		281,300 00
W. M. R. R. 3¼% 1927 Loan		3,000 00
Cash		987 73
		$ 311,887 73

WATER 1916 LOAN SINKING FUND.

(For redemption of $5,000,000 of 5% stock, maturing in 1916.)

Water 5% 1916 Loan	$ 694,000 00	
Funding 5% 1916 Loan	25,700 00	
		$ 719,700 00
Conduit 3½% 1922 Loan	$ 83,000 00	
Conduit 3½% 1928 Loan	20,000 00	
Public Improvement 3½% 1940 Loan	104,200 00	
Refunding 3½% 1940 Loan	117,000 00	
Four Million 3½% 1945 Loan	466,000 00	
W. M. R. R. 3½% 1952 Loan	100,000 00	
		890,200 00
W. M. R. R. 3¼% 1927 Loan		60,900 00
Cash		6,641 49
		$1,677,441 49

WATER 1926 LOAN SINKING FUND.

(For redemption of $1,000,000 of 4% stock, maturing in 1926.)

Water 5% 1916 Loan	$ 109,000 00	
Funding 5% 1916 Loan	3,100 00	
		$ 112,100 00
Water 4% 1926 Loan		11,700 00
Conduit 3½% 1922 Loan	$ 88,000 00	
Consolidated 3½% 1930 Loan	31,600 00	
Public Improvement 3½% 1940 Loan	160,600 00	
Refunding 3½% 1940 Loan	30,000 00	
Four Million 3½% 1945 Loan	97,700 00	
Internal Improvement 3½% 1928 Loan	10,000 00	
		417,900 00
W. M. R. R. 3¼% 1927 Loan		39,300 00
Cash		763 17
		$ 581,763 17

CONDUIT 1928 LOAN SINKING FUND.

(For redemption of $220,000 of 3½% stock, maturing in 1928.)

W. M. R. R. 4% 1925 Loan		$ 5,000 00
Conduit 3½% 1928 Loan	$ 50,000 00	
Internal Improvement 3½% 1928 Loan	10,300 00	
		60,300 00
Cash		6,438 87
		$ 71,738 87

CONDUIT 1922 LOAN SINKING FUND.

(For redemption of $1,000,000 of 3½% stock, maturing in 1922.)

W. M. R. R. 4% 1925 Loan		$ 3,000 00
Conduit 3½% 1922 Loan	$ 131,000 00	
Conduit 3½% 1928 Loan	10,000 00	
Funding 3½% 1936 Loan	20,000 00	
Refunding 3½% 1940 Loan	5,000 00	
Four Million 3½% 1945 Loan	19,000 00	
Internal Improvement 3½% 1928 Loan	20,000 00	
		205,000 00
Cash		1,825 77
		$ 209,825 77

REFUNDING 1940 LOAN SINKING FUND.

(For redemption of $4,300,000 of 3½% stock, maturing in 1940.)

Conduit 3½% 1922 Loan	$ 52,000 00	
Funding 3½% 1936 Loan	10,000 00	
Public Improvement 3½% 1940 Loan	70,000 00	
Refunding 3½% 1940 Loan	567,000 00	
Four Million 3½% 1945 Loan	55,000 00	
		$ 754,000 00
W. M. R. R. 3¼% 1927 Loan		6,000 00
Cash		2,709 22
		$ 762,709 22

WATER 1943 LOAN SINKING FUND.

(For redemption of $127,500 of 3½% stock, maturing in 1943.)

Four Million 3½% 1945 Loan	$	15,000 00
Cash		865 25
	$	15,865 25

Recapitulation.

FACE VALUE OF THE SINKING FUNDS.

General Sinking Fund	$3,000,758 90
Public Park Sinking Fund	8,344 18
Public Park Sinking Fund No. 2	146,835 20
Western Maryland Railroad Sinking Fund	4,488,936 43
Public Improvement 1940 Loan Sinking Fund	795,848 83
Internal Improvement 1928 Loan Sinking Fund	1,641,822 47
Four Million 1945 Loan Sinking Fund	346,807 80
Funding 1936 Loan Sinking Fund	332,219 41
Water 1922 Loan Sinking Fund	311,887 73
Water 1916 Loan Sinking Fund	1,677,441 49
Water 1926 Loan Sinking Fund	581,763 17
Conduit 1928 Loan Sinking Fund	71,738 87
Conduit 1922 Loan Sinking Fund	209,825 77
Refunding 1940 Loan Sinking Fund	762,709 22
Water 1943 Loan Sinking Fund	15,865 25
	$14,392,804 72

STATEMENT No. 4.

ENOCH PRATT FREE LIBRARY FUND, HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, UNDER ORDINANCE No. 64, OF 1888.

Water 5% 1916 Loan	$ 54,300 00		
Funding 5% 1916 Loan	2,500 00		
		$	56,800 00
Paving 4% 1920 Loan	$ 62,300 00		
Patterson Park 4% 1920 Loan	195,000 00		
Water 4% 1922 Loan	500,000 00		
W. M. R. R. 4% 1925 Loan	2,100 00		
Harford Run 4% 1920 Loan	900 00		
Water 4% 1926 Loan	1,000 00		
			761,300 00
Consolidated 3½% 1930 Loan	$ 113,200 00		
Internal Improvement 3½% 1928 Loan	13,200 00		
Public Improvement 3½% 1940 Loan	42,700 00		
Four Million 3½% 1945 Loan	37,800 00		
Refunding 3½% 1940 Loan	145,100 00		
			352,000 00
W. M. R. R. 3¼% 1927 Loan			4,000 00
			$1,174,100 00

STATEMENT No. 5.

HORWITZ BENEVOLENT FUND, HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, UNDER ORDINANCE No. 7, OF 1888.

Water 5% 1916 Loan	$ 400 00	
Funding 5% 1916 Loan	2,600 00	
		$ 3,000 00
W. M. R. R. 4% 1925 Loan		300 00
Consolidated 3½% 1930 Loan	$ 500 00	
Public Improvement 3½% 1940 Loan	3,000 00	
Refunding 3½% 1940 Loan	6,400 00	
Four Million 3½% 1945 Loan	1,600 00	
		11,500 00
W. M. R. R. 3¼% 1927 Loan		900 00
Cash		635 70
		$ 16,335 70

STATEMENT No. 6.

FREDERICK RAINE FUND, HELD BY THE COMMISSIONERS OF FINANCE. UNDER ORDINANCE No. 51, 1897.

Public Improvement 3½% 1940 Loan	$ 400 00

STATEMENT No. 7.

WESTERN MARYLAND RAILROAD SPECIAL FUND.

State of Massachusetts 3½% 1944 Loan		$ 300,000 00
Certificate of deposit, Continental Trust Co. of Baltimore, at 3½% per annum	$1,138,370 45	
Certificate of deposit, International Trust Co., of Baltimore, at 3½% per annum	100,000 00	
Certificate of Deposit, Third National Bank of Baltimore, at 3½% per annum	50,000 00	
		1,288,370 45
Cash		374,698 69
		$1,963,069 14

STATEMENT No. 8.

A Schedule of Real Estate and Ground Rents upon the Books of the Commissioners of Finance.

Lessees.	*Location of Lots.*	*Annual Rental.*
Merchants' and Miners' Transportation Co.	Nos. 24, 25, 26, 27, 28 and 29 s. s. Block street	$ 910 88
C. S. Maltby Co.	Nos. 5, 6, 7 and 8 n. s. Block street	293 60
Baltimore and Philadelphia Steamboat Co.	200 feet Pratt Street Wharf near Light street	3,600 00
Platt & Co.	Old Fish House property	1,457 00
Robert E. Davis	Fayette and Arch streets	52 00
Boys' Home Society	Pleasant and Calvert streets	50 00
James Clark Co.	Old City Yard Property	497 25
Baltimore Dredging Co.	Old City Yard Property	480 00
Harry W. Vogt	1271 Battery avenue	157 50
John G. Huck	Charles and Weyler streets	75 70
Sophia M. Kelly	Nos. 5, 7 and 9 Weyler street	150 00
Aaron Hess	No. 11 Weyler street	33 60
John Mack	No. 13 Weyler street	19 20
William J. Blair	No. 15 Weyler street	26 32
Jacob Steinberger	No. 17 Weyler street	26 32
Ida Young	Nos. 19 and 21 Weyler street	52 64
Esther Gallie	No. 23 Weyler street	26 32
H. Klasmeier	No. 25 Weyler street	25 48
Rudolph Preis	No. 27 Weyler street	26 32
Mary A. Steen	Nos. 31 and 33 Weyler street	52 64
Bernhard Sheresewsky	No. 35 Weyler street	19 20
George Wimmer	No. 37 Weyler street	20 32
Strauss Brothers	Nos. 39 and 41 Weyler street	54 49
Margaret Goetze	No. 43 Weyler street	29 60
August Pfeil	No. 45 Weyler street	29 60
Annie A. Derwart, Trus.	No. 49 Weyler street	26 32
August Pfeil	Light and Weyler streets	78 06
Amount carried forward		$ 8,270 36

(Capitalized at 6 per cent., $137,839.33).

Amount brought forward.....					$ 8,270 36
PURCHASED BY AUTHORITY OF ORDINANCE No. 81, 1881.					
Boys' Latin School.....			Park ave. nr. Preston st.	$ 549 00	
Mayor and City Council.			Hollins and Monroe sts..	750 00	
"	"	"	Howard & Little Montgomery streets.....	120 00	
"	"	"	Penna. ave & Robert st..	86 00	
"	"	"	Frederick and Fairview avenues	360 00	
"	"	"	Waesche st. nr. Fremont.	480 00	
"	"	"	Castle street.....	209 25	
"	"	"	Hanover and Lee streets.	210 00	
"	"	"	Sharp and West streets..	570 00	
"	"	"	Argyle ave. nr. Lanvale street	120 00	
"	"	"	Hull and Clement sts....	350 00	
"	"	"	Linden ave & Wilson st..	840 00	
"	"	"	Charles and Ostend sts..	372 50	
"	"	"	Ann and Chase streets..	501 75	
"	"	"	Howard st. opp. Centre.	1,000 00	
"	"	"	Preston and Eden sts...	80 00	
"	"	"	Broadway and Bank st..	200 00	
"	"	"	Mosher and Gilmor sts..	757 00	
"	"	"	Northeast Market.....	1,200 00	
"	"	"	Collington Square.....	960 00	
"	"	"	Perkins Spring Square..	2,052 00	
"	"	"	Riverside Park.....	3,770 62	
"	"	"	Holliday & Fayette sts..	56 00	
"	"	"	Lexington and Paca sts..	228 00	
"	"	"	Bond and Chew streets..	130 00	
"	"	"	Carey st. & Columbia ave.	385 00	
"	"	"	Chappell st. nr. Carey...	630 00	
"	"	"	Cross Street Market....	974 00	
"	"	"	Linden ave. & Konig st..	1,155 00	
"	"	"	Balto. st. nr. Aisquith....	300 00	
"	"	"	Lombard st. nr. High...	150 00	
"	"	"	Rogers ave. and Low st..	540 00	
"	"	"	East side Woodberry la.	22 50	
"	"	"	Ann and Aliceanna sts..	22 50	
"	"	"	York road, Waverly.....	75 00	
"	"	"	Brunswick st. bet. Frederick & Wilkens aves..	61 50	
"	"	"	Harlem ave. & Monroe st.	480 00	
Amounts carried forward				$20,747 62	$8,270 36

Amounts brought forward			$20,747 62	$8,270 36
Mayor and City Council		Eastern ave. & Streeper street	$1,001 00	
"	"	"	Stiles st. nr. Gough	50 00	
"	"	"	Lehman and Millington avenues	240 00	
"	"	"	Biddle st. nr. Penna. ave.	1,500 00	
"	"	"	Patterson Park ave. and McElderry street	530 00	
"	"	"	Francis st. nr. Fulton av.	450 00	
"	"	"	Chester and Chew sts	829 75	
"	"	"	Penna. av. nr. Dolphin st.	1,147 50	
"	"	"	Old City Hall, Holliday Street	306 00	
"	"	"	Ramsay and Pulaski sts.	480 00	
					27,281 87
(Purchased at a cost of $470,506.09.)					
					$35,552 23

STATEMENT No. 9.

Cash Balances of Funds, Dec. 31, 1904.

	Dr.	*Cr.*
General Sinking Fund	$164,467 89	.....
W. M. R. R. Special Fund	.....	$374,698 69
Public Park Sinking Fund	.....	44 18
Public Park Sinking Fund No. 2	.....	335 20
Redemption of Five Million 1890 Loan	.....	1,903 45
W. M. R. R. Sinking Fund	.....	16,036 43
Public Imp. 1940 Loan Sinking Fund	.....	2,748 83
Internal Imp. 1928 Loan Sinking Fund	.....	1,622 47
Four Million 1945 Loan Sinking Fund	.....	607 80
Funding 1936 Loan Sinking Fund	.....	2,219 41
Water 1922 Loan Sinking Fund	.....	987 73
Water 1926 Loan Sinking Fund	.....	763 17
Water 1916 Loan Sinking Fund	.....	6,641 49
Conduit 1928 Loan Sinking Fund	.....	6,438 87
Water 1943 Loan Sinking Fund	.....	865 25
Horwitz Benevolent Fund	.....	635 70
Conduit 1922 Loan Sinking Fund	.....	1,825 77
Refunding 1940 Loan Sinking Fund	.....	2,709 22
Balance	256,615 77	.....
	$421,083 66	$421,083 66

STATEMENT No. 10—FUNDED DEBT.—December 31, 1904.

Name of Loan.	Rate.	Authority for Issue.	When Redeemable.	Amount.
Water	5 per cent.	Ord. No. 65, 1877	July 1, 1916	$ 5,000,000 00
Funding	5 per cent.	Ord. No. 93, 1878	July 1, 1916	1,000,000 00
McDonogh Extension	5 per cent.	Ord. No. 157, 1890	September 1, 1916	280,000 00
Harford Run	4 per cent.	Ord. No. 86, 1879	January 1, 1920	250,000 00
Patterson Park Extension	4 per cent.	Ord. No. 120, 1883	October 1, 1920	200,000 00
Paving	4 per cent.	Ord. No. 140, 1880	November 1, 1920	500,000 00
Water	4 per cent.	Ord. No. 91, 1882	November 1, 1922	500,000 00
Conduit	3½ per cent.	Ord. No. 120, 1896	January 1, 1922	1,000,000 00
W. M. R. R.	4 per cent.	Ord. No. 71, 1882	July 1, 1925	684,000 00
Water	4 per cent.	Ord. No. 82, 1886	November 1, 1926	1,000,000 00
W. M. R. R.	3¼ per cent.	Ord. No. 11, 1886	January 1, 1927	1,704,000 00
Conduit	3½ per cent.	Ord. No. 87, 1902	January 1, 1928	220,000 00
Internal Improvement	3½ per cent.	Ord. No. 98, 1888	July 1, 1928	4,850,000 00
Consolidated	3½ per cent.	Ord. No. 58, 1890	July 1, 1930	5,000,000 00
Funding	3½ per cent.	Ord. No. 112, 1896	July 1, 1936	1,453,300 00
Public Improvement	3½ per cent.	Ord. No. 100, 1892	January 1, 1940	6,000,000 00
Refunding	3½ per cent.	Ord. No. 32½, 1898	January 1, 1940	4,300,000 00
Water	3½ per cent.	Ord. No. 86, 1902	January 1, 1943	127,500 00
Four Million	3½ per cent.	Ord. No. 137, 1894	March 1, 1945	4,000,000 00
W. M. R. R. Refunding	3½ per cent.	Ord. No. 18, 1898 Ord. No. 32, 1900	March 1, 1950	875,000 00
W. M. R. R. Refunding	3½ per cent.	Ord. No. 18, 1898 Ord. No. 32, 1900	January 1, 1952	1,000,000 00
Stock due in 1860	6 per cent.		Unredeemed, no int. allowed	482 00
Water Stock due in 1875	6 per cent.		Unredeemed, no int. allowed	270 00
Consolidated Stock due in 1890	6 per cent.		Unredeemed, no int. allowed	627 50
Five Million Stock due in 1890.	6 per cent.		Unredeemed, no int. allowed	1,903 45
Jones' Falls Stock due in 1900.	5 per cent.		Unredeemed, no int. allowed	400 00
W. M. R. R. Stock due in 1902.	6 per cent.		Unredeemed, no int. allowed	5,400 00
Harford Run Stock due in 1904	4 per cent.		Unredeemed, no int. allowed	10,000 00
			Total Funded Debt	$39,962,882 95

BALTIMORE CITY STOCK.

INTEREST ON BALTIMORE CITY STOCK WILL BE PAID ON AND AFTER JAN. 1, 1905, AS FOLLOWS:

Name of Loan.	Rate of Interest.	When Payable.	Where Payable.
Patterson Park 1920	4 per cent.	January, April, July and October	Citizens National Bank.
Conduit 1922	3½ per cent.	January and July	Citizens National Bank.
W. M. R. R. 1927	3¼ per cent.	January and July	Citizens National Bank.
Consolidated 1930	3½ per cent.	January and July	Citizens National Bank.
Conduit 1928	3½ per cent.	January and July	Citizens National Bank.
Water 1916	5 per cent.	May and November	National Mechanics Bank.
Water 1922	4 per cent.	May and November	National Mechanics Bank.
Water 1926	4 per cent.	May and November	National Mechanics Bank.
Paving 1920	4 per cent.	May and November	National Mechanics Bank.
Funding 1916	5 per cent.	May and November	National Mechanics Bank.
Funding 1936	3½ per cent.	January and July	National Mechanics Bank.
Water 1943	3½ per cent.	January and July	National Mechanics Bank.
Four Million 1945	3½ per cent.	March and September	National Exchange Bank.
McDonogh Extension 1916	5 per cent.	March and September	National Exchange Bank.
Refunding 1940	3½ per cent.	January and July	National Exchange Bank.
Internal Improvement 1928	3½ per cent.	January and July	Farmers and Merchants National Bank.
Burnt District Imp. Loan 1954	3½ per cent.	June and December	Farmers and Merchants National Bank.
Harford Run 1920	4 per cent.	January and July	Farmers and Merchants National Bank.
W. M. R. R. Refunding 1950	3½ per cent.	March and September	Farmers and Merchants National Bank.
Public Improvement 1940	3½ per cent.	January and July	Merchants National Bank.
W. M. R. R. 1952	3½ per cent.	January and July	Merchants National Bank.
W. M. R. R. 1925	4 per cent.	January and July	Merchants National Bank.

ANNUAL REPORT

—— OF THE ——

COMPTROLLER

—— OF ——

BALTIMORE CITY

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1904

IN ACCORDANCE WITH THE

UNIFORM SYSTEM OF ACCOUNTING

—— OF THE ——

NATIONAL MUNICIPAL LEAGUE

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
PUBLIC PRINTER

1905

COMPTROLLER'S DEPARTMENT

Comptroller:
GEO. R. HEFFNER.

Deputy Comptroller:
JULIUS W. FREEMAN.

Chief Clerk:
HENRY C. HINES.

Assistant Clerk: H. L. P. WOOLF.

Auditors: ALBERT M. COLLINS, JOHN R. BAILEY.

License Detective: C. H. S. BRANNAN.

Stenographer: ELBERT C. GEARHART.

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COMPTROLLER'S DEPARTMENT,
CITY HALL.

BALTIMORE, MD., January 12, 1905.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN:

The report for 1904 I herewith respectfully present, in which the receipts and expenditures for the City Government are given for each department in gross and detail complete. The year closes with every department having had the opportunity of expending to the full amount of their appropriations. We carry forward to 1905 on their accounts the sum of $291,691.34, upon which there are liens in the way of contracts, etc., and in addition have left a surplus of $332,803.49 applicable for the payment of the appropriations of 1905 in accord with the change of the law by the last General Assembly. This amount is arrived at by charging off the following accounts:

Infectious Disease Hospital	$24,808 50	
State Tax on City Loans	21,849 80	
Furnishing New Schools	3,358 11	
Sundry Accounts	370 82	
		$50,387 23
Appropriation balances unused:		
City Engineer	$31,902 20	
Supervisors of Elections	26,799 71	
Register's Department	8,563 88	
Free Public Baths Commission	2,688 60	
Courts, etc	12,126 34	
Supervisors of City Charities	14,155 43	
Reformatories	4,572 40	
All other departments	8,763 82	
		109,572 38
Excess over estimated receipts:		
Tax Department	$43,408 83	
State of Maryland Schools	41,052 32	
City Engineer	7,767 96	
Wharfage	6,061 67	
General Licenses	11,559 20	
Telephone Conduits	19,343 53	
Interest on Deposits	5,596 46	
Franchises and Minor Privileges	14,949 23	
Rentals from City Property	16,205 83	
Insurance	3,104 75	
Sundry Accounts	3,794 10	
		172,843 88
		$332,803 49

The increase in the receipt of taxes over the estimated amount, in view of the great fire, was unexpected, and is certainly gratifying.

The great increase in the City's proportion of the Public School Fund is owing to the increased tax provided therefor by the last Legislature.

City Engineer and franchise and minor privilege increases were attributable to the great fire, and also the increase in rentals of City property by the consequent occupancy of public buildings; that of telephone conduits by two annual payments in 1904.

During the year this Department, with the approval of the respective departments, has purchased property for the following:

No. 5 Truck House, Harford avenue and Oliver street..	$ 4,415 00
School, Lakewood avenue and Oliver street.....	4,419 00
Eastern Female High School, Broadway and North avenue	31,300 00

Although the great fire destroyed only the Centre Market, the necessity of the recommendations in 1902 by my predecessor, of the following:

"The provisions of the City Code making it mandatory that no insurance be placed on City property in the corporate limits, and there being no provision to meet an emergency in case of a loss, I would recommend such legislation as would, by an appropriation of a year's premium yearly, create a fund until it amounted to $100,000.00, when such yearly premium would cease, until a loss would deplete the fund, when it would continue until the depletion of the fund caused thereby was made up to the limit above stated. Any loss occurring by fire to be made up from said fund without the necessity of additional legislation, and thereby save the loss of valuable time in replacing the loss, and also without any perceptible hardship upon the taxpayers in any one year," is emphasized, and I heartily approve of the same, and request action.

It is the desire of this office that all departments shall conduct their business as near a commercial basis as possible, and that all bills for service, work, etc., be in accord with prices paid for similar services or work in the commercial world, and not at inflated prices because against the municipality, and to that end I shall exhibit to the press all bills passed by this office, and increases of salaries, not covered by contract, or authorized specially by ordinance, with the idea that publicity will bring to light any inaccuracies or overpayments not justifiable, and which this office has no way of properly checking.

I appreciate the co-operation of the different departments in their work with this office, and hereby tender my thanks to them.

Very respectfully yours,

GEO. R. HEFFNER,
Comptroller.

THE

RECEIPTS, APPROPRIATIONS & EXPENDITURES

OF THE

CITY OF BALTIMORE, MARYLAND,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1904.

SCHEDULES

GIVING THE

RECEIPTS, APPROPRIATIONS AND EXPENDITURES

OF THE CITY OF BALTIMORE FOR THE FISCAL YEAR 1904, ARRANGED ACCORDING TO THE "UNIFORM SYSTEM" OF THE NATIONAL MUNICIPAL LEAGUE.

The first important feature of these schedules is the arrangement of the summaries or statements of totals. These follow in order of importance, and precede the detailed statements in every case, *i. e.:* First appear consolidated, summary statements. Schedule A-I, B-I, etc.

Then follow subsidiary detailed statements of the items in the first schedule. Then more detailed statements of the items in the secondary schedules, and so on down to the lesser items of the accounts.

The next important feature of the League's system is the distinction between "Revenue and Expense" accounts, which are statements of the receipts and expenditures of the fiscal year, and the "Balance Sheet" accounts, which are statements of condition of the city's assets and liabilities at the end of the fiscal year. These are the usual distinctions of commercial bookkeeping.

The third important feature is the emphatic distinction between "ordinary" revenue and expense, and "extraordinary" revenue and expense. The former relates only to the income of the city from ordinary sources (excluding sales of bonds and other capital accounts), and to the expenditure of the city for ordinary running expenses, *i. e.:* For operation and maintenance. The latter—extraordinary—relates only to income from extraordinary sources like borrowed money, etc., and to expenditures for permanent construction or other capital outlay.

The fourth important feature, and one which is practically the creation of the League, is the arrangement of the totals and afterward the details of the departments' accounts, not in alphabetical order, but in an order based upon the general purpose or function of each department or division of the municipal government.

Referring to the attached Schedules, A-I gives the consolidated summary of the total receipts and expenditures for the fiscal year, including everything which enters into the debts and credits of the year, and also the balances of cash on hand at the beginning and at the end of the year.

Schedule AII gives the large items which together make up the total receipts item in the first schedule, and these figures are arranged to accord very closely with the plan adopted by Carroll D. Wright, U. S. Commissioner of Labor, in the publications of his department in relation to the "Statistics of Cities" of 30,000 population and over.

Schedule A-III gives the corresponding items which make up the total of the expenditures in the first schedule.

Schedule A-IV divides the total revenues and expenditures into distinct categories, "ordinary," "extraordinary," "trust funds," and "temporary accounts."

Schedule A-V takes up a more detailed study of the "ordinary" and "extraordinary" items arranged in groups according to general purposes or functions.

Schedule A-VI expands the items of the previous schedule in still more detailed figures, and gets down to the revenues, appropriations and expenses by departments and divisions, still grouped according to the League's system.

Schedule A-VII takes up the budgetary questions, balances forward, appropriations, additions, transfers to and from, expenditures and balances remaining, with the departments still grouped as before, and finally:—

Schedule A-VIII consists of the ultimate details of each department's accounts so far as the Auditor's or Comptroller's report will deal with them, taken up in order separately, and with sufficient space given to each so that all the important divisions of expenditure, viz.:—salaries, expenses, rent, lighting, printing, etc., of each can be completely set forth.

It will be seen that the schedules progress consistently and steadily from the gross statements to the details, each schedule being an amplification of the preceding one and in complete harmony with it, and all arranged upon a definite, consistent and uniform system.

SCHEDULE A—I.

Revenue and Expense of the Fiscal Year 1904.

Consolidated Statement.

Total receipts of City from all sources		$17,895,726 34
Balance at beginning of the year:		
Register's Department	$ 373,099 12	
Finance Commissioners	384,909 97	
		758,009 09
Total		$18,653,735 43
Total expenditures of City for all purposes		16,973,052 29
Balance at end of the year:		
Register's Department	$1,424,067 37	
Finance Commissioners	256,615 77	
		1,680,683 14

SCHEDULE A—II.

Total Revenue (Receipts) of the Fiscal Year by Sources.

Real and Personal Property	$6,632,727 27
Liquor Licenses	431,524 32
Other Licenses	90,714 60
Fines (Magistrates and Bailiffs)	55,094 50
Inspections (Gas Meters, Weights and Measures)	8,788 04
Private Paving and Inspection	28,971 49
Permits for Buildings, etc	8,194 41
Franchises	40,241 23
Water Department Rents	818,497 29
Quarantine, Tonnage Dues	12,951 24
Street Railway, Park Tax	337,213 06
Docks and Wharves	42,857 23
Schools, State Fund and Free Text Books	377,551 01
Markets and Halls	59,840 60
Telephone Conduits and Subways	67,453 47
Bath Houses, Bathing Pools and Beaches	7,372 86
Interest on Deposits, Delayed Taxes, etc	127,290 44
Board of Insane	11,987 84
Rentals City Property	13,163 54
Jail, Old Board and Material	10,134 38
Opening Streets	1,620 31
Paving Streets	15,592 26
Western Maryland Railroad Fund	2,779,754 25
Sale of Water Stock, 1943	106,624 75
Sale of Conduit Stock, 1928	154,710 00
Four Million, 1945 Loan	123,732 50
Water Board, Interest on Loan	380,700 00
Park Board, Interest on Loan	39,237 50
Finance Commissioners, Interest on W. M. R. R. Loan.	148,365 00
Temporary Loan	200,000 00
W. M. R. R. Fund, Opening Streets, etc	9,102 65
Miscellaneous	102,079 10
Total	$13,244,087 14

Commissioners of Finance:

Trust Funds	$50,599 00
Sinking Funds, Interest on Deposits	11,275 87
" " Rentals	35,914 27
" " Premium on Bonds	45,067 25
" " Interest on Stock	586,095 36
" " Redemption Certificates of Deposits	2,800,000 00
" " Harford Run Loan, 1904	138,000 00
" " General Surplus, 1903	8,157 40
" " Sold Calvert Street Lot	16,666 67
" " Tax Levy Provision	482,519 40
" " Park Board	16,860 65
" " Temporary Loan and Interest	200,583 33
" " Transfers	259,900 00
Grand Total Revenue (Receipts) from all sources (per Schedule A—I)	$17,895,726 34

Baltimore has two separate and distinct accounts, the Register's Department (General Treasury) and Finance Commission.

SCHEDULE A—III.

Expenditures Arranged According to General Purposes.

City Departments	$5,865,466 75
Expenditures resulting from Great Fire	2,377,686 49
State Departments:	
Supervisors of Elections	90,695 29
Police Department	1,086,393 91
Courts, etc	186,409 37
Liquor License Commission	15,041 00
Interest on City Debt	1,510,001 33
Ground Rents on City Property	50,980 33
State Tax on City Loans	29,124 96
Refunding 1900 Taxes	2,452 29
Refunding Taxes under Foutz Law	124,340 92
Opening Streets	11,642 30
Paving Streets	6,295 26
Private Paving and Inspection	27,014 65
Tax Bailiffs	48,573 08
Inspectors of Weights and Measures	5,821 58
Finance Commissioners, Temporary Loan (M. & C. C.)	200,583 33
" " Premium 1928 Conduit Loan	14,710 00
" " Premium 1943 Water Loan	14,124 75
" " Premium 1945 Four Million Loan	16,232 50
" " Tax Levy Sinking Fund	482,519 40
" " Surplus 1903	8,157 40
Miscellaneous	18,852 00
Total	$12,193,118 89
Commissioners of Finance:	
Trust Funds	$ 50,570 25
Sinking Funds, Interest on W. M. R. R. Loan	148,365 00
" " Purchase of Stocks	996,218 93
" " Mayor and City Council, W. M. R. R. Fund	2,779,754 25
" " Mayor and City Council, Temporary Loan	200,000 00
" " Mayor and City Council, Lyon Bros. & Company	3,524 97
Transfers	259,900 00
Debt Redemption:	
Payment Consolidated 1890 Loan	100 00
" Water 1894 Loan	700 00
" Western Maryland Railroad 1902 Loan	800 00
" Western Maryland Railroad 1904 Loan	340,000 00
Grand Total Expenditures for all purposes (per Schedule A—I)	$16,973,052 29

For complete details of both receipts and expenditures see Schedules A—VI and A—VIII.

SCHEDULE A—IV.

General Exhibit of Revenues, Appropriations and Expenditures of the Fiscal Year 1904.

Separated under the four heads, "Ordinary," "Extraordinary," "Trust Funds," and "Temporary Accounts."

	Revenues.	Appropriations.	Expenditures.
ORDINARY ..... (Schedule A-VI.)	$9,869,981 80	$13,387,250 44	$11,238,251 66
EXTRAORDINARY ..... (Schedule A-VI.)	3,989,880 07	3,908,754 09	1,698,964 91
TRUST FUNDS, ETC... (Schedule A-VI.)	50,599 00	4,858 00	50,570 25
TEMPORARY ACCOUNTS (Schedule A-VI.)	3,985,265 47	481,370 59	3,985,265 47
Totals.....	$17,895,726 34	$17,782,233 12	$16,973,052 29

Ordinary has relation only to the current revenues and "running expenses" (operation and maintenance), and does not include receipts or payments on account of loans, nor on account of permanent construction or other capital accounts.

Extraordinary has no relation to current revenue or running expenses, but does include receipts and payments on account of loans, and for permanent construction and other capital accounts.

Trust funds include all receipts and payments of the city when acting as trustee or as agent for funds, trusts, special deposits, etc., which cannot be used except for particular and specified purposes.

Temporary accounts include all receipts and payments of the city which are simply journal items, or items paid in, temporarily held and paid out again.

SCHEDULE A—V.

Exhibit of Revenues, Appropriations and Expenditures, Divided into Ordinary and Extraordinary, and Grouped According to Functions.

	Receipts.		Appropriations.		Expenditures.	
	Ordinary.	Extraordinary.	Ordinary.	Extraordinary.	Ordinary.	Extraordinary.
1. General Government....	$ 14,115 97	$ 184,115 23	$ 650,672 62	.....	$ 465,870 99	.....
2. Public Safety (Protection of Life, Health and Property)	24,178 23	136,226 10	2,244,020 55	$ 46,156 13	2,230,158 32	$ 28,996 64
3. Public Charity and Correction	23,756 45	.....	502,681 84	17,676 00	490,907 53	17,676 00
4. Public Works.....	102,619 07	1,884,243 75	4,539,057 48	.....	3,309,971 03	.....
5. Public Industries.....	1,020,492 76	807,669 17	2,030,457 36	3,500,000 00	1,241,701 56	$128,047 98
6. Public Education, Recreation and Art.....	391,080 72	107,500 00	1,741,717 52	344,921 96	1,736,938 97	64,414 54
7. Public Debt.....	1,312 65	870,125 82	25,000 00	.....	29,255 46	1,490,265 15
8. Interest	695,592 94	585 00	1,517,501 07	.....	1,511,559 56	.....
9. Taxation	7,596,833 01	.....	141,000 00	.....	192,009 09	.....
10. Sundries	564,265 09	3,471,014 38	481,370 59	.....	1,055,525 22	2,979,754 25
Totals.....	$10,434,246 89	$ 7,461,479 45	$13,873,479 03	$ 3,908,754 09	$12,263,897 73	$ 4,709,154 56

SCHEDULE A—VI.

1. General Government.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11. Executive:					
Salaries, Mayor's Office			$10,583 34	$10,583 34	
Expenses, " "			2,000 00	1,914 41	
Burnt District Account:					
Expenses, Account Great Fire			520 00	520 00	
Burnt District Fund, W. M. R. R.		$520 00			
		$520 00	$13,103 34	$13,017 75	
12. Legislative:					
Salaries, City Council			$48,270 84	$47,895 35	
Expenses, " "			7,835 00	7,835 00	
Committee on Legislation, Refund	$121 21				
	$121 21		$56,105 84	$55,730 35	
13. Law:					
Salaries, City Solicitor			$13,545 14	$13,545 02	
Expenses, " "			3,100 00	3,100 00	
Stenographer, etc	$ 5 00		2,640 34	2,619 76	
Judgments and Suits	1,863 95		10,000 00	11,805 74	
	$1,868 95		$29,285 48	$31,070 52	

14. FINANCE:					
Salaries, Comptroller's Department...			$13,083 34	$13,083 34	
Expenses, " " ..			750 00	750 00	
Salaries, Register's Department.....			10,912 50	10,912 50	
Expenses, " "			750 00	750 00	
Salaries, City Collector.....			33,770 84	33,744 17	
Expenses, " "			2,875 00	2,875 00	
Salaries, Appeal Tax Court.....			23,850 00	23,800 00	
Expenses, " " "			1,675 00	1,675 00	
Register's Department (city seals)...	$ 21 71				
Commissioners of Finance, Lyon Bros. Co. tax refund.....	3,524 97				
Burnt District Account:					
Expenses, Register.....			466 60	466 60	
Salaries, Appeal Tax Court.....			8,000 00	4,367 72	
Burnt District Fund, W. M. R. R.....		$8,466 60			
	$3,546 68	$8,466 60	$96,133 28	$92,424 33	
15. ELECTIONS:					
Salaries, Supervisors, etc.....			$15,000 00	$13,734 11	
Expenses, " "			3,117 00	2,436 00	
Registration			53,838 00	36,238 02	
Primary Election.....			22,720 00	18,507 20	
Election			22,820 00	19,779 96	
Candidates' assessments, etc.....	$345 00				
Burnt District Account:					
Special Election.....			25,000 00	16,909 96	
Burnt District Fund, W. M. R. R.....		$25,000 00			
	$345 00	$25,000 00	$142,495 00	$107,605 25	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
16. PRINTING:					
Salaries, City Librarian			$ 3,150 00	$ 3,150 00	
Expenses, " "			14,749 32	13,810 02	
Advertising Laws			4,000 00	3,735 80	
City Librarian (Codes, etc)	$151 00				
	$151 00		$21,899 32	$20,695 82	
17. CITY HALL AND PUBLIC BUILDINGS:					
Salaries, City Hall			$15,375 00	$15,361 86	
Expenses, " "			8,950 00	8,950 00	
Salaries, City Hall Annex			2,343 75	2,343 75	
Expenses, " " "			4,500 00	4,500 00	
Salaries, Court House			35,505 21	35,473 36	
Expenses, " "			17,731 00	17,731 00	
Partition City Engineer's Department			8,000 00	8,000 00	
Case for Health Department			400 00	396 00	
Mural Paintings Court House			10,000 00	5,000 00	
Draperies for Council Chambers			3,500 00	3,500 00	
Renovating, etc., Portraits in Council			900 00	900 00	
Old Material	$72 99				
Transferred from 1903:					
Furnishing New Court House				996 82	

Burnt District Account:					
Court House Repairs			150,000 00	633 50	
Burnt District Fund, W. M. R. R.		$150,000 00			
	$72 99	$150,000 00	$257,204 96	$103,786 29	
18. MISCELLANEOUS:					
Salaries, Liquor License Commission.	$ 5 55		$11,000 00	$10,927 50	
Expenses, " " "			4,113 50	4,113 50	
Salaries, Topographical Survey			6,343 75	6,313 73	
Expenses, " "			180 00	173 89	
Expenses, Board of Estimates			1,000 00	935 01	
Expenses, Board Public Improvements			600 00	500 00	
Municipal Telephone Exchange	1,372 44		7,978 00	8,846 90	
City Car Tickets	6,468 00			6,468 00	
Topographical Survey (maps, etc)	164 15				
Expenses, Commissioners of Finance.			1,436 52	1,436 52	
J. M. Pope, Tax Computer			1,500 00	1,500 00	
Printing Car Tickets			165 00	165 00	
Transferred from 1903:					
City Car Tickets				32 00	
Burnt District Account:					
Expenses, Topographical Survey			44 79	44 79	
Expenses, Board of Estimates			83 84	83 84	
Burnt District Fund, W. M. R. R.		$128 63			
	$8,010 14	$128 63	$34,455 40	$41,540 68	
Total General Government	$14,115 97	$184,115 23	$650,672 62	$465,870 99	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
21. Police:					
Salaries			$984,908 00	$984,908 00	
Expenses			74,143 00	74,142 71	
Salaries, Police Examiners			4,800 00	4,645 15	
Expenses, " "			682 00	294 63	
Pensioners			15,823 00	15,823 00	
Transferred from 1903:					
Pension Fund				6,580 42	
Burnt District Account:					
Expenses, Police			2,910 75	2,910 75	
Burnt District Fund, W. M. R. R.		$2,910 75			
		$2,910 75	$1,083,266 75	$1,089,304 66	
22. Fire Department:					
Salaries			$407,760 00	$407,503 50	
Expenses			114,410 00	114,410 00	
Water for Fire Plugs at Carroll			450 00	450 00	
Old Material	$2,855 53				
Completion Engine and Truck Houses			4,156 13		$4,156 13
Lot and Building, Truck House, Ord. No. 11, 1903			25,000 00		4,576 01
Lot and Building, Engine House, Ord. No. 12, 1903			17,000 00		

Transferred from 1903:					
Lot and Building, Engine House No. 24					15,484 53
" " " " " " " 25					3,779 97
Building Engine House No. 22					1,000 00
Burnt District Account:					
Expenses, Account Great Fire			67,147 07	67,147 07	
Burnt District Fund, W. M. R. R.		$67,147 07			
	$2,855 53	$67,147 07	$635,923 20	$589,510 57	$28,996 64
23. COURTS:					
Salaries, Criminal Court			$13,500 00	$13,255 00	
Expenses, " "	$ 34 10		73,049 71	73,047 33	
Salaries, Baltimore City Court			7,000 00	7,000 00	
Expenses, " " "			15,718 75	14,195 10	
Salaries, Court of Common Pleas			8,000 00	8,000 00	
Expenses, " " "			13,746 25	8,902 06	
Salaries, Superior Court			7,420 00	7,420 00	
Expenses, " "			12,767 90	8,792 75	
Salaries, Circuit Court			3,900 00	3,900 00	
Expenses, " "			600 00	125 92	
Salaries, Circuit Court, No. 2			3,900 00	3,900 00	
Expenses, " " "			400 00	278 90	
Salaries, Orphans' Court			10,016 00	9,984 00	
Expenses, " "			50 00	39 53	
Salaries, Juvenile Court			2,256 00	2,256 00	
Expenses, " "			896 00	896 00	
Salaries, Supreme Bench			4,500 00	4,416 67	
Expenses, " "			630 00	550 35	
Magistrates			19,900 00	19,198 76	
Fines	6,521 42			251 00	
Removed Cases	266 61				
	$6,822 13		$198,250 61	$186,409 37	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
24. Health Department:					
Salaries			$59,116 75	$59,080 70	
Expenses			24,529 00	24,529 00	
Salaries, Quarantine	$12 00		11,901 05	11,838 00	
Expenses, "			6,400 00	6,400 00	
Coroners			10,000 00	8,695 82	
Tonnage	12,951 24				
Birth and Death Transcripts	538 00				
Furniture, Quarantine Barracks			1,500 00	1,500 00	
Transferred from 1903:					
Quarantine Barracks				2,144 93	
Burnt District Account:					
Expenses, account Great Fire			1,200 00	1,200 00	
Burnt District Fund, W. M. R. R.		$1,200 00			
	$13,501 24	$1,200 00	$114,646 80	$115,388 45	
25. Inspection of Buildings:					
Salaries			$28,020 84	$27,990 95	
Expenses			400 00	400 00	
Repairs to City Property, consolidated	$78 50		152,730 08	152,808 58	
Sanitary and other Improvements			10,480 00	10,480 00	
Emptying Cess-pools			300 00	300 00	
Livery and Transportation			900 00	900 00	

Burnt District Account:					
Expenses, account Great Fire			59,968 28	53,435 18	
Building Laws Commission			5,000 00	168 66	
Burnt District Fund, W. M. R. R.		$64,968 28			
	$78 50	$64,968 28	$257,799 20	$246,483 37	
26. Miscellaneous:					
Removing Dangerous Walls	$920 83			$2,771 78	
Cutting Wires			$290 12	290 12	
	$920 83		$290 12	$3,061 90	
Total Public Safety	$24,178 23	$136,226 10	$2,290,176 68	$2,230,158 32	$28,996 64

3. Public Charity and Correction.

31. Hospitals:					
City Patients in Hospitals			$64,000 00	$61,302 14	
			$64,000 00	$61,302 14	
32. Insane:					
Care of Insane			$139,000 00	$138,347 52	
Board of Insane	$11,987 84			122 92	
	$11,987 84		$139,000 00	$138,470 44	
33. Houses for Children, Aged, Deaf, Dumb, Blind, Etc.:					
Destitute and Neglected Children			$35,000 00	$29,277 90	
			$35,000 00	$29,277 90	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
34. Workhouses, Almshouses:					
Salaries, Supervisors of City Charities			$7,229 17	$6,898 92	
Expenses, Supervisors of City Charities			1,000 00	952 75	
Salaries, Bay View Asylum	$12 02		29,075 00	25,570 07	
Expenses, " " "	6 14		86,701 00	83,053 16	
Bay View Asylum, board and old material	1,533 06				
Consumptive Hospital			17,676 00		$17,676 00
Transferred from 1903:					
Consumptive Hospital, Bay View Asylum				10,800 00	
	$1,551 22		$141,681 17	$127,274 90	$17,676 00
35. Lodging Houses:					
Friendly Inn			$1,000 00	$1,000 00	
			$1,000 00	$1,000 00	
36. Prisons and Reformatories:					
Jail, Salaries			$33,416 67	$33,240 84	
Jail, Expenses			20,000 00	19,997 94	
Transportation to House of Correction			500 00	340 33	
Reformatories			75,500 00	70,927 60	
Board and old material	$10,134 38				
	$10,134 38		$129,416 67	$124,506 71	

37. MISCELLANEOUS:					
Dispensary Service			$9,200 00	$8,035 00	
Transportation of Poor to their Homes	$83 01		800 00	780 44	
Pension Account, W. H. War			260 00	260 00	
	$83 01		$10,260 00	$9,075 44	
Total Public Charity and Correction	$23,756 45		$520,357 84	$490,907 53	$17,676 00

4. PUBLIC WORKS.

41. ADMINISTRATION:					
Salaries, City Engineer			$30,458 34	$30,456 34	
Expenses, " "			3,299 38	2,883 35	
Salaries, Com'r of Street Cleaning			6,900 00	6,900 00	
Expenses, " " "			71 00	37 75	
Salaries, Supt. of Lamps and Lighting			12,987 50	12,458 47	
Expenses, " " "			300 00	265 64	
Salaries, Com'r of Street Cleaning			17,208 34	17,143 18	
Expenses, " " "			1,100 00	1,032 50	
Salaries, Harbor Board			5,250 00	5,250 00	
Expenses, " "			500 00	419 18	
Burnt District Account:					
Expenses, City Eng'r, acct. Great Fire	$29 53		23,081 08	23,081 08	
Fees, City Surveyor			1,000 00	855 47	
Salaries Burnt District Commission			50,000 00	33,822 94	
Expenses, " " "				9,666 55	
Burnt District Fund, W. M. R. R.		$49,081 08			
	$29 53	$49,081 08	$152,155 64	$144,272 45	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
42. Opening, Widening and Grading Streets:					
Opening streets				$11,642 30	
Assessments for opening	$188 22				
Burnt District Account:					
Widening Light Street	3,900 50			385,657 49	
" Pratt Street				27,115 84	
" St. Paul Street				123,588 04	
" Hopkins Place	1,894 00			185,438 54	
" Calvert Street			$1,000,000 00	91,056 04	
" Lombard Street			825,000 00	81,055 31	
" Commerce Street				8,759 36	
Opening Hanover Street	2,425 00			156,648 52	
" Market Spaces				67,703 50	
Extending West Falls Avenue				13,655 04	
Widening German Street				166,261 73	
" Charles Street			600,000 00	131,203 80	
St. Paul Street Plaza	800 00		600,000 00	465,694 81	
Messrs. White & Marriott			1,200 00	1,200 00	
Purchase triangular lot Hanover Street			500 00		
Burnt District Fund, W. M. R. R.		$1,601,700 00			
	$9,207 72	$1,601,700 00	$3,026,700 00	$1,916,680 32	

43. STREET PAVING:					
Paving streets, by assessment	$15,592 26			$ 6,295 26	
Paving and repaving cross streets	11 00		$30,000 00	18,001 81	
Footway crossings			6,000 00	6,000 00	
Paving in front of City property			20,200 00	10,666 34	
Repairs, roads, streets, etc	60 29		180,450 00	180,510 29	
Private paving and inspection	28,971 49			27,014 65	
Sale of old material	8,267 96				
Repaving McComas Street			13,800 00	9,713 25	
Transferred from 1903:					
Paving certificates				7,943 28	
Footway crossings				254 21	
Paving in front of City property				750 06	
Burnt District Account:					
Grading, paving, etc	53 62		200,000 00	62,908 88	
Landmarks in Burnt District			4,000 00		
Repairing Jones' Falls walls			11,000 00		
Burnt District Fund, W. M. R. R.		$215,000 00			
	$52,956 62	$215,000 00	$465,450 00	$330,058 03	
44. STREET CLEANING:					
Street carts and men			$92,360 43	$92,360 43	
Sweepers and scrapers			88,678 58	88,646 38	
Sweeping machines, sprinklers, etc			25,000 00	24,998 21	
Tools, repairs, etc			2,793 03	2,789 95	
Sale of dirt	$3,395 97				
Sprinkling roads, etc			1,000 00	929 53	
Private cleaning and sweeping	46 43				
Removal of debris	29,441 66			29,441 66	
Burnt District Account:					
Expenses, account Great Fire			$ 3,462 67	$ 3,462 67	
Burnt District Fund, W. M. R. R.		$18,462 67	15,000 00	14,992 67	
	$32,884 06	$18,462 67	$228,294 71	$257,621 50	

4. Public Works—*Concluded.*

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
45. Street Lighting:					
Gas and maintenance			$135,392 70	$135,345 59	
Electric lights			160,147 00	160,081 27	
Naphtha lamps and maintenance			24,720 08	24,650 14	
Inspection of gas meters, etc	$2,966 46			44 00	
	$2,966 46		$320,259 78	$320,121 00	
46. Garbage Collection and Disposal:					
Collection and disposal of garbage			$195,800 00	$195,800 00	
			$195,800 00	$195,800 00	
47. Sewers and Sewerage Disposal:					
Cleaning sewers and inlets			$17,561 96	$17,561 66	
Improvement in and addition to Drainage System			5,000 00	5,000 00	
Repairs to sewers	$1,146 18		24,100 00	22,138 18	
Carrollton Ave. and Franklin St. sewer			3,500 00	3,168 15	
Edmondson Avenue sewer	5 00		3,332 00	3,190 51	
Laurens St. and Patterson Ave. sewer			8,000 00	8,000 00	
West Lanvale Street sewer			604 00		
Sundry sewers			41,400 00	37,987 95	

Transferred from 1903:					
Repairs to sewers				860 41	
	$1,151 18		$103,497 96	$97,906 86	
48. BRIDGES:					
Maintenance of bridges	$10 00		$40,000 00	$40,010 00	
Transferred from 1903:					
Maintenance of bridges and culverts				293 42	
	$10 00		$40,000 00	$40,303 42	
49. MISCELLANEOUS:					
Maintenance property yard			$1,500 00	$1,499 31	
Insurance City property	$258 75		5,399 39	5,658 14	
Insurance City property, Montgomery and Howard Streets	3,154 75			50 00	
	$3,413 50		$6,899 39	$7,207 45	
Total Public Works	$102,619 07	$1,884,243 75	$4,539,057 48	$3,309,971 03	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
51. Water Works:					
Salaries, Water Engineer's Departm't.			$ 88,833 34	$ 82,448 41	
Expenses, " " " .	$23 28		376,000 00	311,219 97	
Salaries, Collector of Water Rents and Licenses			23,520 84	21,554 21	
Expenses, " " " Licenses			387,511 00	382,986 46	
Extension, East Jones' Fall	7 60		36,097 60	24,083 72	
" West Jones' Falls			224,326 91	6 00	
Drinking fountain, Calhoun and Ramsay Streets			75 00		
Dredging Loch Raven			42,805 92	25,176 31	
Meters	10,267 71			25,126 86	
J. P. Rock, refund			8 07	8 07	
Water Rents, etc	809,967 17			1,165 73	
" " 1905	8,530 12				
Loan, 1943		$92,500 00			
Transferred from 1903:					
New storage house, Gay Street yard				2,786 78	
Burnt District Account:					
Expenses, account Great Fire			73,000 00	45,698 74	
Burnt District Fund, W. M. R. R.		$73,000 00			
	$828,795 88	$165,500 00	$1,252,178 68	$922,261 26	

52. CITY REAL ESTATE:					
Ground rents on City property			$52,000 00	$50,980 33	
Rents from City property	$13,163 54			27 26	
	$13,163 54		$52,000 00	$51,007 59	
53. MARKETS:					
Salaries, Assistant Market Masters			$6,666 67	$6,399 84	
Expenses, " " "				4,890 32	
Market receipts	$58,973 60				
Hose for various markets			800 00	412 55	
Market hall rentals	867 00				
Expenses of halls				400 00	
Repairs, Richmond Market hall			15,000 00	9,374 96	
Repairs, Broadway Market hall			4,000 00	4,000 00	
Burnt District Account:					
Centre Market Commission			435,000 00	54 25	
	$59,840 60		$461,466 67	$25,531 92	
54. DOCKS AND WHARVES:					
Repairs to wharves			$ 5,000 00	$ 3,705 26	
Dredging harbor			39,537 00	39,537 00	
Iceboats	$250 00		18,260 00	18,510 00	
Removal of ashes			1,100 00	950 29	
Removal of floating matter			1,350 00	1,220 60	
Old material	33 75				
Wharfage	42,857 23			8,795 56	
Iceboat "Annapolis," State of Maryland	8,000 00			8,000 00	
Transferred from 1903:					
Iceboats				687 72	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
Burnt District Account:					
Expenses, account Great Fire			$ 2,169 17	$ 2,169 17	
Dock improvements			500,000 00		$125,034 79
Burnt District Fund, W. M. R. R.		$502,169 17			
Public Wharves and Docks			3,000,000 00		3,013 19
	$51,140 98	$502,169 17	$3,567,416 17	$83,575 60	128,047 98
55. Subways for Pipes and Wires:					
Salaries, Electrical Comm'n, 1928 Loan			$ 17,135 42	$ 14,300 10	
Expenses, " " 1928 Loan	$ 5,724 23		172,500 00	137,264 67	
Rental, subways	61,729 24				
Operating and maintainence of conduits completed			7,760 42	7,760 42	
Conduits, 1928 Loan		$140,000 00			
	$67,453 47	$140,000 00	$197,395 84	$159,325 19	
56. Miscellaneous:					
Turnpike dividends	$98 29				
	$98 29				
Total Public Industries	$1,020,492 76	$807,669 17	$5,530,457 36	$1,241,701 56	$128,047 98

61. Schools:					
Salaries, general office			$10,600 00	$10,307 27	
Expenses, " "			1,500 00	1,500 00	
Salaries, day schools			1,163,652 76	1,148,801 06	
Expenses, " "			136,822 50	136,822 50	
Salaries, night schools			10,206 00	10,039 25	
Expenses, " "			500 00	500 00	
Proportion State fund	$318,052 32				
Tuition non-residents	5,893 33				
Free text-books, State of Maryland	53,605 36			49,961 83	
Completion school-houses			21,921 96		$21,921 96
Lot and building, Eastern High School, Ordinance No. 137, 1903			100,000 00		31,679 37
Lot and building, School Forest Park, Ordinance No. 143, 1903			15,000 00		
Addition to School No. 96, Ordinances No. 14 and No. 8, 1903			60,000 00		14 05
Lot and building school, Ordinance No. 10, 1903			70,000 00		4,440 05
Movable school-houses			5,000 00	5,000 00	
Transferred from 1903:					
Building school, Saratoga and Mount Streets					4,778 65
Lot and building, School No. 10, Hollins Street near Schroeder Street					1,580 46
Furnishing new buildings				8,241 96	
Kindergarten supplies				4,526 23	
	$377,551 01		$1,595,203 22	$1,375,700 10	$64,414 54

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
62. Libraries:					
Enoch Pratt Free Library			$4,258 00	$4,258 00	
			$4,258 00	$4,258 00	
63. Parks:					
Salaries, general office			$3,087 50	$3,024 00	
Expenses. " "			1,718 00	1,583 84	
Salaries, parks and squares	$5 42		200,032 84	189,293 21	
Expenses, " " "			155,392 50	118,790 41	
New improvements			18,769 16	16,784 75	
Sale of sheep, old material, etc	5,424 44			15 00	
Addition to Clifton Park			25,000 00		
Addition to Moale's Point Park			3,000 00		
Addition to Wyman's Park			50,000 00		
Gwynn's Falls Park, lot to W. M. R. R.	726 99				
Four Million 1945 Loan		$107,500 00			
	$6,156 85	$107,500 00	$457,000 00	$329,491 21	
64. Baths:					
Walters' Free Baths, salaries			$12,238 26	$10,467 36	
" " " expenses			7,640 00	6,722 30	
Receipts	$7,372 86				
	$7,372 86		$19,878 26	$17,189 66	

65. Miscellaneous:					
Maryland Institute	.....	.....	$9,000 00	$9,000 00	.....
Veteran Volunteer Firemen's Assoc.	.....	.....	1,000 00	1,000 00	.....
Mexican Veteran Monument Assoc.	.....	.....	300 00	300 00	.....
	.....	.....	$10,300 00	$10,300 00	.....
Total Public Education, Recreation and Art	$391,080 72	$107,500 00	$2,086,639 48	$1,736,938 97	$64,414 54

7. Public Debt.

71. Loans:					
State tax on City loans	.....	.....	$25,000 00	$25,000 00	.....
Refund of State tax	$1,312 65	.....	.....	130 50	.....
Transferred from 1903:					
State tax on City loans	.....	.....	.....	4,124 96	.....
	$1,312 65	.....	$25,000 00	$29,255 46	.....

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
72. SINKING FUNDS:					
Interest on W. M. R. R.					$148,365 00
Purchase of stocks					996,218 93
Payment Consolidated 1890 Loan					100 00
Payment Water 1894 Loan					700 00
Payment W. M. R. R. 1902 Loan					800 00
" " 1904 Loan					340,000 00
Purchase of 500 shares 1930 Consolidated Loan, account Horwitz Benevolent Fund					556 25
Refund Lyon Bros. & Co.					3,524 97
Premium on sales 1928 Conduit Loan		$14,710 00			
" " " 1943 Water Loan		14,124 75			
" " " 1945 Four Million Loan		16,232 50			
Redemption of Harford Run 1904 Loan		138,000 00			
Sale of City Spring lot, Calvert Street		16,666 67			
Park Board 5% Railway Receipts, 1904		16,860 65			
Interest on stocks and investments		586,095 36			
" deposits		11,275 87			
Rentals		35,914 27			
Redemptions of certificates of deposit, account W. M. R. R. balance		20,245 75			
		$870,125 82			$1,490,265 15
Total Public Debt	$1,312 65	$870,125 82	$25,000 00	$29,255 46	$1,490,265 15

81. INTEREST:					
Interest on deposits	$45,596 46				
Interest on Horwitz Benevolent Fund Investment		$585 00			
	$45,596 46	$585 00			
82. INTEREST UPON DELINQUENT TAXES:					
Interest on taxes	$81,693 98				
Interest on paving certificates			$219 73	$219 73	
Transferred from 1903:					
Interest on paving certificates				1,338 50	
	$81,693 98		$219 73	$1,558 23	
83. PAYMENT OF INTEREST UPON DEBT:					
Water Board, Loans	$380,700 00				
Park Board, Loan	39,237 50				
Finance Commissioners	148,365 00				
Interest on general loans			$1,517,281 34	$941,698 83	
" Water Loan				380,700 00	
" Park Loan				39,237 50	
" W. M. R. R. Loan				148,365 00	
	$568,302 50		$1,517,281 34	$1,510,001 33	
Total Interest	$695,592 94	$585 00	$1,517,501 07	$1,511,559 56	

9. Taxation.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
91. Real Property Taxes:					
Tax sales	$ 1,214 88			$ 513 42	
Bailiffs' fees	48,573 08			48,573 08	
Taxes, 1904	4,199,476 27				
Taxes, arrearages	782,995 21				
Conscience Fund	11 61				
Fees, excess	596 97				
Refund of taxes under Foutz Law			$140,000 00	124,340 92	
Transferred from 1903:					
Refund taxes in Annex, paid in error, 1900				2,452 29	
	$5,032,868 02		$140,000 00	$175,879 71	
92. Personal Property Taxes:					
Taxes, 1904	$1,107,564 16				
Taxes, arrearages	137,190 57				
Securities	279,798 08				
Mortgages	3,811 81				
Savings Banks	121,891 17				
	$1,650,255 79				

93. Liquor Licenses:					
Liquor License receipts, ¾	$431,524 32				
	$431,524 32				
94. Other Licenses:					
General licenses, expenses			$1,000 00	$958 93	
Maryland Society Prevention Cruelty to Animals				8,000 00	
Dog licenses, expenses				259 00	
Licenses	$74,603 85			44 65	
Dog licenses and fines	16,110 75				
	$90,714 60		$1,000 00	$9,262 58	
95. Franchise Taxes:					
Street Railway, park tax	337,213 06				
Railways, etc	2,063 00				
Drains	29,531 75				
Buildings, etc	8,646 48				
Refunds, minor privileges				$292 00	
	$377,454 29			$292 00	
96. Miscellaneous:					
Inspector of Weights and Measures	$5,821 58			$5,821 58	
Permits, sheds, etc	8,194 41			753 22	
	$14,015 99			$6,574 80	
Total Taxation	$7,596,833 01		$141,000 00	$192,009 09	

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
Book Accounts.					
I. CITY COLLECTOR:					
Opening Streets, City benefits	$1,432 09				
" " appropriation acc't			$1,432 09	$1,432 09	
	$1,432 09		$1,432 09	$1,432 09	
II. MARYLAND SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS:					
Released to City	$7,851 75				
Dog licenses and fines				$7,851 75	
	$7,851 75			$7,851 75	
III. FINANCE COMMISSIONERS:					
General surplus, 1903		$ 8,157 40		$ 8,157 40	
Sinking Funds, 1904		482,519 40	$479,355 17	482,519 40	
Temporary Loan	$200,000 00	200,000 00		200,000 00	$200,000 00
Premiums on sales 1928 Conduit Loan	14,710 00			14,710 00	
" " 1943 Water Loan	14,124 75			14,124 75	
" " 1945 Four Million Loan	16,232 50			16,232 50	

Transfers of Sinking Funds	259,900 00	.....	.....	259,900 00	.....
Interest on Temporary Loan	.....	583,33	583 33	583 33	.....
Redemption of certificates of deposit, account of W. M. R. R.	.....	2,779,754 25	.....	.....	2,779,754 25
	$504,967 25	$3,471,014 38	$479,938 50	$996,227 38	$2,979,754 25
IV. Public Trust Funds:					
Fred. Raine Fund	$ 14 00	.....	.....	$ 14 00	.....
Enoch Pratt Free Library Fund	50,000 00	.....	.....	50,000 00	.....
	$50,014 00	.....	.....	$50,014 00	.....
Total Sundries	$564,265 09	$3,471,014 38	$481,370 59	$1,055,525 22	$2,979,754 25

SCHEDULE A—VII.

A Tabulated Budgetary Statement of the Finances of all the Departments.

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
Inspector of Buildings.											
Repairs to City property, consolidated	25		$ 78 50	$152,730 08	$152,808 58	$152,808 58					
Sanitary and other improvements	25			10,480 00	10,480 00	10,480 00					
Emptying Cess-pools	25			300 00	300 00	300 00					
Incidentals	25			400 00	400 00	400 00					
Livery and transportation	25			900 00	900 00	900 00					
Salaries	25			28,020 84	28,020 84	27,990 95	$ 29 89				$ 29 89
Partitions for City Register's Department	17			8,000 00	8,000 00	8,000 00					
Case for Health Department	17			400 00	400 00	396 00	4 00				4 00
Repairs to Richmond Market Hall	53			15,000 00	15,000 00	9,374 96	5,625 04			$ 5,625 04	
Completion school, engine and truck houses	22 61			26,078 09	26,078 09	26,078 09					
Lot and building, truck house, Ord. No. 11, 1903	22			25,000 00	25,000 00	4,576 01	20,423 99			20,423 99	
Lot and building, engine house, Ord. No. 12, 1903	22			17,000 00	17,000 00		17,000 00			17,000 00	
Lot and building, Eastern High School, Ord. No. 137, 1903	61			100,000 00	100,000 00	31,679 37	68,320 63			68,320 63	
Lot and building, school Forest Park, Ord. No. 143, 1903	61			15,000 00	15,000 00		15,000 00			15,000 00	

Addition to School No. 96, Ord. No. 14 and Ord. No. 8, 1903	61			60,000 00	60,000 00	14 05	59,985 95			59,985 95		
Lot and building school, Ord. No. 10, 1903	61			70,000 00	70,000 00	4,440 05	65,559 95			65,559 95		
Repairs to Broadway Hall, Ord. No. 6, 1903	53			4,000 00	4,000 00	4,000 00						
Cutting wires	26					290 12	*290 12	290 12				
Building school Mount and Saratoga streets	61	$ 4,778 65			4,778 65	4,778 65						
Lot and building School No. 10, Ord. No. 65, 1902	61	40,869 05			40,869 05	1,580 46	39,288 59			39,288 59		
Lot and building new engine house	22	3,779 97			3,779 97	3,779 97						
Lot and building new engine house, Ord. No. 73, 1902	22	15,484 50			15,484 50	15,484 50						
Building Engine House No. 22	22	1,000 00			1,000 00	1,000 00						
Infectious Disease Hospital, Ord. No. 127, 1901	..	24,808 50			24,808 50				$ 24,808 50			
Removing dangerous walls	26	*1,103 84	920 80			2,771 78	*2,954 79			*2,954 79		
Permits, sheds, etc	96		8,194 41		8,194 41	753 22	7,441 19		7,441 19			
Commissioner of Street Cleaning.												
Street carts and men	44			84,240 00	84,240 00	92,360 43	*8,120 43	8,120 43				
Sweepers and scrapers	44			83,200 00	83,200 00	88,646 38	*5,446 38	5,478 58			32 20	
Salaries	41			17,208 34	17,208 34	17,143 18	65 16				65 16	
Incidental expenses	41			1,000 00	1,000 00	1,000 00						
Sweeping machines, sprinklers, etc.	44			25,000 00	25,000 00	24,998 21	1 79				1 79	
Cleaning sewers and inlets	47			17,454 00	17,454 00	17,561 66	*107 66	107 96			30	
Tools, repairs, etc	44			2,500 00	2,500 00	2,789 95	*289 95	293 03			3 08	
Collection and disposal of garbage	46			195,800 00	195,800 00	195,800 00						
Printing reports, etc	41			100 00	100 00	32 50	67 50				67 50	
Sprinkling roads, etc	44			1,000 00	1,000 00	929 53	70 47				70 47	
Removal of debris	44		29,441 66		29,441 66	29,441 66						
Private cleaning and sweeping	44		46 43						46 43			
Sale of refuse	44		3,395 97						3,395 97			
Forfeiture of contract	..	100 00							100 00			
Supt. of Lamps and Lighting.												
Gas and maintenance	45			135,392 70	135,392 70	135,345 59	47 11				47 11	
Electric lights and maintenance	45			160,147 00	160,147 00	160,081 27	65 73				65 73	
Naphtha lamps and maintenance	45			24,720 08	24,720 08	24,650 14	69 94				69 94	
Salaries	41			12,987 50	12,987 50	12,458 47	529 03				529 03	
Incidentals	41			300 00	300 00	265 64	34 36				34 36	
Inspection of meters	45		2,966 46		2,966 46	44 00	2,922 46		2,922 46			

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS. Balance from previous Year.	CREDITS. Receipts of the Year.	CREDITS. Appropriation by the City Council.	CREDITS. Total credits (not including transfers).	DEBITS. Expenditures of the Year.	BALANCES AND TRANSFERS. Surplus or Deficiency of Credits.	BALANCES AND TRANSFERS. Contingent Fund transfers to this Department (credits).	BALANCES AND TRANSFERS. Amount Revenue carried to General Treasury.	BALANCES AND TRANSFERS. Balance carried to following Year.	BALANCES AND TRANSFERS. Balance closed to Appropriation Account.
Harbor Board.											
Salaries	41			$ 5,250 00	$ 5,250 00	$ 5,250 00					
Dredging harbor	54			39,537 00	39,537 00	39,537 00					
Iceboats	54		$ 250 00	12,940 00	13,190 00	18,510 00	*$ 5,320 00	5,320 00			
Repairs of wharves	54			5,000 00	5,000 00	3,705 26	1,294 74				$ 1,294 74
Removal of ashes from tow-boats	54			1,100 00	1,100 00	950 29	149 71				149 71
Removal of floating matter	54			1,350 00	1,350 00	1,220 60	129 40				129 40
Incidentals	41			500 00	500 00	419 18	80 82				80 82
Iceboat "Annapolis," State appropriation	54	$ 687 72	8,000 00		8,687 72	8,687 72					
Old material	54	6 00	33 75						$ 39 75		
Health Department.											
Salaries	24			59,116 75	59,116 75	59,080 70	36 05				36 05
Expenses	24			13,854 00	13,854 00	24,529 00	10,675 00	10,675 00			
Quarantine salaries	24		12 00	11,901 05	11,913 05	11,838 00	75 05				75 05
Quarantine, expenses	24			6,200 00	6,200 00	6,400 00	*200 00	200 00			
Furnishing quarantine barracks	24					1,500 00	*1,500 00	1,500 00			
Quarantine, barracks	24	2,144 93			2,144 93	2,144 93					
Tonnage	24		12,951 24						12,951 24		
Birth and death transcripts	24		538 00						538 00		
Fire Department.											
Salaries	22			407,760 00	407,760 00	407,503 50	256 50				256 50
Expenses	22			114,410 00	114,410 00	114,410 00					
Old material	22		2,855 53						2,855 53		

City Engineer's Department.												
Repairs of sewers	47	860 41	1,146 18	24,100 00	26,106 59	22,998 59	3,108 00		1,144 51		1,963 49
Main bridges and culverts	48	293 42	10 00	40,000 00	40,303 42	40,303 42					
Repairs roads, streets, etc	43		60 29	180,450 00	180,510 29	180,510 29					
Property yard, maintenance	49			1,500 00	1,500 00	1,499 31	69				69
Paving in front of City property	43	750 06		20,200 00	20,950 06	11,416 40	9,533 66				9,533 66
Paving and repairing cross streets	43		11 00	30,000 00	30,011 00	18,001 81	12,009 19				12,009 19
Footway crossings	43	254 21		6,000 00	6,254 21	6,254 21					
Livery and transportation	41			1,200 00	1,200 00	1,200 00					
Incidentals	41			500 00	500 00	1,099 38	*599 38	599 38			
Salaries	41			30,458 34	30,458 34	30,456 34	2 00				2 00
Advertising	41			1,000 00	1,000 00	583 97	416 03				416 03
Improvement in and addition to drainage system	47			5,000 00	5,000 00	5,000 00					
Carrollton Avenue and Franklin Street sewer	47			3,500 00	3,500 00	3,168 15	331 85				331 85
Edmondson Avenue sewer	47		5 00	3,332 00	3,337 00	3,190 51	146 49				146 49
Laurens Street and Patterson Avenue sewer	47			8,000 00	8,000 00	8,000 00					
West Lanvale Street sewer	47			604 00	604 00		604 00			604 00	
Repaving McComas Street	43			13,800 00	13,800 00	9,713 25	4,086 75				4,086 75
Sundry sewers	47			41,400 00	41,400 00	37,987 95	3,412 05				3,412 05
Private paving and inspection	43	2,238 32	28,971 49		31,209 81	27,014 65	4,195 16			4,195 16	
Paving certificates	43	8,572 13			8,572 13	7,943 28	628 85			628 85	
Paving streets by assessment	43	697 10	15,592 26		16,289 36	6,295 26	9,994 10			9,894 21	99 89
Old material	43		8,267 96						8,267 96		
Improvement Harford Run	..	3,096 89								3,096 89	
City Collector's Department.											
Salaries	14			33,770 84	33,770 84	33,744 17	26 67				26 67
Expenses	14			2,500 00	2,500 00	2,875 00	*375 00	375 00			
Taxes, real, 1904	91		4,199,476 27						4,199,476 27		
Taxes, real, in arrears	91		782,995 21						782,995 21		
Taxes, personal, 1904	91		1,107,564 16						1,107,564 16		
Taxes, personal, in arrears	91		137,190 57						137,190 57		
Securities	91		279,798 08						279,798 08		
Savings Banks	91		121,891 17						121,891 17		
Mortgages	91		3,811 81						3,811 81		
Interest	91		81,693 98						81,693 98		
Tax bailiffs	91		48,573 08				48,573 08				
Conscience Fund	91	103 39	11 61			115 00			115 00		

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
City Collector's Dept.--*Con.*											
Tax sales, property	..	*$ 8,148 76	$ 1,214 88			$ 513 42	*$ 7,447 30			$ 7,447 30	
Excess fees	..	83 86	596 97			680 83			$ 680 83		
Appeal Tax Court.											
Salaries	14			$ 23,850 00	$ 23,850 00	23,800 00	50 00				$ 50 00
Expenses	14			1,675 00	1,675 00	1,675 00					
Refund taxes under Foutz law	91			140,000 00	140,000 00	124,340 92	15,659 08			15,659 08	
Refunding taxes, Annex, paid in error, 1900	91	14,412 95			14,412 95	2,452 29	11,960 66			11,960 66	
Commissioners for Opening Streets.											
Salaries	41			6,900 00	6,900 00	6,900 00					
Expenses	41			71 00	71 00	37 75	33 25				33 25
Opening streets by assessments	42	16,813 21	1,620 31		18,433 52	11,642 30	6,791 22		224 50	6,566 72	
Liquor License Commission.											
Salaries	18		5 55	11,000 00	11,005 55	10,927 50	78 05				78 05
Expenses	18			4,113 50	4,113 50	4,113 50					
Liquor licenses, three-quarter State receipts	93		431,524 32						431,524 32		

Supervisors of Elections.											
Registration	15			53,838 00	53,838 00	36,238 02	17,599 98				17,599 98
Elections, primary	15			22,720 00	22,720 00	18,507 20	4,212 80				4,212 80
Elections, general	15			22,820 00	22,820 00	19,779 96	3,040 04				3,040 04
Expenses	15			2,617 00	2,617 00	2,436 00	181 00	500 00			681 00
Salaries	15			15,000 00	15,000 00	13,734 11	1,265 89				1,265 89
Candidates' assessments, duplicate lists, etc	15	6,625 00	345 00		6,970 00				6,970 00		
General Expenditures.											
Interest on temporary loans	III					583 33	*583 33	583 33			
Maryland Institute	65			9,000 00	9,000 00	9,000 00					
Transportation to House of Correction	36			500 00	500 00	340 33	159 67				159 67
Mural paintings, Court House	17			10,000 00	10,000 00	5,000 00	5,000 00			5,000 00	
General Licenses	94			1,000 00	1,000 00	958 93	41 07				41 07
Mexican War Veterans, refund	65			300 00	300 00	300 00					
Pension account, W. H. War	37			260 00	260 00	260 00					
Veteran Volunteer Firemen's Association	65			1,000 00	1,000 00	1,000 00					
Drinking fountain, Calhoun and Ramsay streets	51			75 00	75 00		75 00				75 00
Water for fire-plugs at Carroll	22			450 00	450 00	450 00					
Board of Estimates	18			1,000 00	1,000 00	935 01	64 99				64 99
Contingent Fund	..			50,000 00	50,000 00	50,000 00					
Board of Public Improvements	18			600 00	600 00	500 00	100 00				100 00
Coroners	24			10,000 00	10,000 00	8,695 82	1,304 18				1,304 18
Municipal Telephone Exchange	18		1,372 44	7,978 00	9,350 44	8,846 90	503 54				503 54
Commissioners of Finance, expenses	18					1,436 52	*1,436 52	1,436 52			
J. M. Pope	18					1,500 00	*1,500 00	1,500 00			
J. P. Rock	51					8 07	*8 07	8 07			
Car ticket printing	18					165 00	*165 00	165 00			
City Librarian.											
Salaries	16			3,150 00	3,150 00	3,150 00					
Expenses	16			14,249 32	14,249 32	13,810 02	439 30	500 00		115 00	824 30
City Codes	16		151 00						151 00		

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
Diary of City Council.											
Salaries	12			$ 48,270 84	$ 48,270 84	$ 47,895 35	$ 375 49				$ 375 49
Expenses	12			7,835 00	7,835 00	7,835 00					
Refund, Committee on Legislation, 1901	12		$121 21						$ 121 21		
Mayoralty.											
Salaries	11			10,583 34	10,583 34	10,583 34					
Expenses	11			2,000 00	2,000 00	1,914 41	85 59				85 59
City Register.											
Salaries	14			10,912 50	10,912 50	10,912 50					
Expenses	14			750 00	750 00	750 00					
Interest on stock debt	83			1,517,281 34	1,517,281 34	1,510,001 33	7,280 01				7,280 01
State tax on City loans	71	$25,974 76		25,000 00	50,974 76	29,124 96	21,849 80		21,849 80		
Ground rents on City property	52			52,000 00	50,000 00	50,980 33	1,019 67				1,019 67
Advertising laws	16			4,000 00	4,000 00	5,735 80	*1,735 80	2,000 00			264 20
Enoch Pratt Free Library Fund	62			4,258 00	4,258 00	4,258 00					
Interest on paving certificates	82	1,338 50		219 73	1,558 23	1,558 23					
Turnpike dividends	56	234 90	98 29		333 19				333 19		
Rents from City property	52	5,069 55	13,163 54		18,233 09	27 26	18,205 83		18,205 83		
City seals	14	10 05	21 71		31 76				31 76		

Refund Lyon Bros.	14		3,524 97							3,524 97	
State tax City loans	71		1,312 65		1,312 65	130 50	1,182 15		1,182 15		
Water Registrar, interest on Water loans	83		380,700 00						380,700 00		
Park Board, interest on Park loans	83		148,365 00						148,365 00		
Commissioners of Finance, interest on W. M. R. R. loans	83		39,237 50						39,237 50		
City Comptroller.											
Salaries	14			13,083 34	13,083 34	13,083 34					
Expenses	14			750 00	750 00	750 00					
Assistant Market Masters	53			6,666 67	6,666 67	6,399 84	266 83				266 83
Insurance	49		258 75	2,000 00	2,258 75	5,658 14	*3,399 39	3,399 39			
Hose for various markets	53			800 00	800 00	412 55	387 45				387 45
City car tickets	18	*189 00	6,468 00		6,279 00	6,500 00	*221 00			*221 00	
Market receipts and expendiutres	53		58,973 60			4,890 32	54,083 28		54,083 28		
Market hall receipts and expenditures	53		867 00			400 00	467 00		467 00		
Wharfage receipts and expenditures	54		42,857 23			8,795 56	34,061 67		34,061 67		
Inspector of Weights & Measures	96		5,821 58			5,821 58					
Interest on deposits	81		45,596 46						45,596 46		
Minor privileges and franchises	95		40,241 23			292 00	39,949 23		39,949 23		
Insurance City property, Montgomery and Howard streets	49		3,154 75			50 00	3,104 75		3,104 75		
Sale of lot Mosher and Elm Sts	..	393 25							393 25		
Law Department.											
Salaries	13			11,300 00	11,300 00	13,545 02	*2,245 02	2,245 14			12
Expenses	13			2,000 00	2,000 00	3,100 00	*1,100 00	1,100 00			
Stenographer, typewriter & assts.	13		5 00	2,500 00	2,505 00	2,619 76	*114 76	140 34			25 58
Judgments and suits	13		1,863 95	10,000 00	11,863 95	11,805 74	58 21				58 21
Topographical Survey.											
Salaries	18			6,343 75	6,343 75	6,313 73	30 02				30 02
Expenses	18			180 00	180 00	173 89	6 11				6 11
Maps, etc	18		164 15						164 15		

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS. Balance from previous Year.	CREDITS. Receipts of the Year.	CREDITS. Appropriation by the City Council.	CREDITS. Total credits (not including transfers).	DEBITS. Expenditures of the Year.	BALANCES AND TRANSFERS. Surplus or Deficiency of Credits.	BALANCES AND TRANSFERS. Contingent Fund transfers to this Department (credits).	BALANCES AND TRANSFERS. Amount Revenue carried to General Treasury.	BALANCES AND TRANSFERS. Balance carried to following Year.	BALANCES AND TRANSFERS. Balance closed to Appropriation Account.
Free Public Baths Commission.											
Salaries	64			$ 12,238 26	$ 12,238 26	$ 10,467 36	$ 1,770 90				$ 1,770 90
Expenses	64			7,640 00	7,640 00	6,722 30	917 70				917 70
Receipts	64		$ 7,372 86						$ 7,372 86		
Superintendent of Public Buildings.											
Salaries, City Hall	17			15,375 00	15,375 00	15,361 86	13 14				13 14
Salaries, City Hall Annex	17			2,343 75	2,343 75	2,343 75					
Expenses, City Hall	17			8,950 00	8,950 00	8,950 00					
Expenses, City Hall Annex	17			4,500 00	4,500 00	4,500 00					
Salaries, Court House	17			35,505 21	35,505 21	35,473 36	31 85				31 85
Expenses, Court House	17			17,250 00	17,250 00	17,731 00	*481 00	$ 481 00			
Draperies for Council Chambers	17			3,500 00	3,500 00	3,500 00					
Renovating and regilding portraits, Council	17			900 00	900 00	900 00					
Old material	17	$ 68 85	72 99				141 84		141 84		
Board of School Commissioners.											
Salaries, office, etc	61			10,600 00	10,600 00	10,307 27	292 73				292 73
Expenses, office, etc	61			1,500 00	1,500 00	1,500 00					
Salaries, day schools	61			1,163,652 76	1,163,652 76	1,148,801 06	14,851 70			$ 14,851 70	
Expenses, day schools	61			136,822 50	136,822 50	136,822 50					

Salaries, night schools	61			10,206 00	10,206 00	10,039 25	166 75				166 75
Expenses, night schools	61			500 00	500 00	500 00					
Movable school-houses	61			5,000 00	5,000 00	5,000 00					
Furnishing new buildings	61	11,600 07				8,241 96	3,358 11		3,358 11		
Purchases of lot Charles and Ostend streets, Ord. No. 28, 1902.	..	2,000 00								2,000 00	
Kindergarten supplies	61	4,526 23				4,526 23					
Free text-books	61	34 48	53,605 36		53,639 84	49,961 83	3,678 01			3,678 01	
Tuition non-residents	61		5,893 33						5,893 33		
Proportion State Fund	61		318,052 32						318,052 32		
Intestate estates	61	1,519 06								1,519 06	
Board of Police Commissioners.											
Salaries	21			984,908 00	984,908 00	984,908 00					
Expenses	21			74,143 00	74,143 00	74,142 71	29				29
Salaries, Board of Police Examiners	21			4,800 00	4,800 00	4,645 15	154 85				154 85
Expenses, Board of Police Examiners	21			682 00	682 00	294 63	387 37				387 37
Pensioners	21	6,580 42		15,823 00	22,403 42	22,403 42					
Courts, Etc.											
Criminal Court, salaries	23			13,500 00	13,500 00	13,255 00	245 00				245 00
Criminal Court, expenses	23		34 10	72,900 00	72,934 10	73,047 33	*113 23	149 71			36 48
Baltimore City Court, salaries	23			7,000 00	7,000 00	7,000 00					
Baltimore City Court, expenses	23			15,718 75	15,718 75	14,195 10	1,523 65				1,523 65
Court of Common Pleas, salaries	23			8,000 00	8,000 00	8,000 00					
Court of Common Pleas, expenses	23			13,746 25	13,746 25	8,902 06	4,844 19				4,844 19
Superior Court, salaries	23			7,420 00	7,420 00	7,420 00					
Superior Court, expenses	23			12,767 90	12,767 90	8,792 75	3,975 15				3,975 15
Circuit Court, salaries	23			3,900 00	3,900 00	3,900 00					
Circuit Court, expenses	23			600 00	600 00	125 92	474 08				474 08
Orphans' Court, salaries	23			10,016 00	10,016 00	9,984 00	32 00				32 00
Orphans' Court, expenses	23			50 00	50 00	39 53	10 47				10 47
Magistrates' salaries	23			19,900 00	19,900 00	19,198 76	701 24				701 24
Supreme Bench, salaries	23			4,500 00	4,500 00	4,416 67	83 33				83 33
Supreme Bench, expenses	23			630 00	630 00	550 35	79 65				79 65
Circuit Court, No. 2, salaries	23			3,900 00	3,900 00	3,900 00					
Circuit Court, No. 2, expenses	23			400 00	400 00	278 90	121 10				121 10

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
Courts, etc.—*Con.*											
Juvenile Court, salaries	23			$2,100 00	$2,100 00	$2,256 00	*$156 00	$156 00			
Juvenile Court, expenses	23			896 00	896 00	896 00					
Fines	23		$6,521 42			251 00	6,270 42		$6,270 42		
Removed cases	23	$1,827 52	266 61				2,094 13		2,094 13		
Supervisors of City Charities.											
City office, salaries	34			7,229 17	7,229 17	6,898 92	330 25				$330 25
City office, expenses	34			1,000 00	1,000 00	952 75	47 25				47 25
Bayview Asylum, salaries	34		12 02	29,075 00	29,087 02	25,570 07	3,516 95				3,516 95
Bayview Asylum, expenses	34		6 14	86,701 00	86,707 14	83,053 16	3,653 98			$3,650 00	3 98
Bayview Asylum, Consumptive Hospital	34	10,800 00		15,000 00	25,800 00	28,476 00	*2,676 00	2,676 00			
Transportation of poor to their homes	37	56 05	83 01	800 00	939 06	780 44	158 62		139 06		19 56
Care of Insane	31			139,000 00	139,000 00	138,347 52	652 48				652 48
City patients in hospitals	31			64,000 00	64,000 00	61,302 14	2,697 86				2,697 86
Destitute and neglected children	33			35,000 00	35,000 00	29,277 90	5,722 10				5,722 10
Dispensary service	37			9,200 00	9,200 00	8,035 00	1,165 00				1,165 00
Temporary care of homeless men	35			1,000 00	1,000 00	1,000 00					
Board of Insane	32		11,987 84			122 92	11,864 92		11,864 92		
Bayview Asylum, old material and boards	32		1,533 06						1,533 06		

Visitors to Baltimore City Jail.										
Jail, salaries	36			33,416 67	33,416 67	33,240 84	175 83			175 83
Jail, expenses	36			20,000 00	20,000 00	19,997 94	2 06			2 06
Board and old material	36		10,134 38					10,134 38		
Reformatories.										
Industrial Home for Colored Girls	36			4,000 00	4,000 00	3,334 99	665 01			665 01
St. Mary's Industrial School	36			30,000 00	30,000 00	26,606 64	3,393 36			3,393 36
Female House of Refuge	36			3,000 00	3,000 00	2,867 75	132 25			132 25
House of Good Shepherd, Colored Girls	36			2,500 00	2,500 00	2,500 00				
House of Reformation, Colored Boys	36			15,000 00	15,000 00	15,000 00				
House of Refuge, maintenance	36			12,000 00	12,000 00	11,625 74	374 26			374 26
House of Refuge, manual training	36			6,000 00	6,000 00	6,000 00				
House of Refuge, repairs	36			3,000 00	3,000 00	2,992 48	7 52			7 52
Board of Park Commissioners.										
Salaries, office	63			3,087 50	3,087 50	3,024 00	63 50		63 50	
Expenses, office	63			1,718 00	1,718 00	1,583 84	134 16		134 16	
Salaries, parks and squares	63		5 42	200,032 84	200,038 26	189,293 21	10,745 05		10,745 05	
Expenses, parks and squares	63			155,392 50	155,392 50	118,790 41	36,602 09		36,602 09	
Addition to Clifton Park	63			25,000 00	25,000 00		25,000 00	25,000 00		
Addition to Moale's Point Park	63			3,000 00	3,000 00		3,000 00		3,000 00	
Addition to Wyman's Park	63			50,000 00	50,000 00		50,000 00	50,000 00		
New improvements (general)	63			18,769 16	18,769 16	16,784 75	1,984 41		1,984 41	
Public park, Riggs and Fremont avenues	63	1,000 00							1,000 00	
Memorial in Wyman's Park	63	500 00							500 00	
Gwynn Falls Park, lot to W. M. R. R.	63		726 99					726 99		
Street railways, 9 per cent. gross receipts	63		337,213 06					337,213 06		
Sale of sheep, old material, etc.	63		5,424 44			15 00	5,409 44	5,409 44		
Water Board.										
Collector of Water Rents and Licenses, salaries	51			23,520 84	23,520 84	21,554 21	1,966 63			1,966 63

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Continued.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
Water Board—*Con.*											
Collector of Water Rents and Licenses, expenses	51			$ 387,511 00	$ 387,511 00	$382,986 46	$ 4,524 54				$ 4,524 54
Water Engineer's Dept., salaries	51			88,833 34	88,833 34	82,448 41	6,384 93				6,384 93
Water Engineer's Dept., expenses	51		$ 23 28	376,000 00	376,023 28	356,918 71	19,104 57			$ 3,500 00	15,604 57
Dredging Loch Raven	51			42,805 92	42,805 92	25,176 31	17,629 61				17,629 61
Extension East Jones' Falls	51		7 60	36,097 60	36,105 20	24,083 72	12,021 48				12,021 48
Extension West Gwynn's Falls	51			224,326 91	224,326 91	6 00	224,320 91				224,320 91
New storage house, Gay St. yard	51	$ 2,786 78				2,786 78					
Purchase of land and construction of reservoir	..	349,858 10									349,858 10
General Licenses, receipts	94		74,603 85	1,000 00	75,603 85	1,003 58	74,600 27		$ 74,559 20		41 07
Dog Licenses, receipts	94		16,110 75			8,259 00	7,851 75		7,851 75		
Water rents	51	7,743 48	809,967 17		817,710 65	1,165 73	816,544 92		816,544 92		
Water rents, 1905	51		8,530 12							8,530 12	
Meters	51		10,267 71			25,126 86	*14,859 15				
Electrical Commission.											
Salaries, Construction 1928 Loan	55			17,135 42	17,135 42	14,300 10	2,835 32				2,835 32
Expenses, Construction 1928 Loan	55		5,724 23	172,500 00	178,224 23	137,264 67	40,959 56				40,959 56
Operating and maintaining conduits	55			7,760 42	7,760 42	7,760 42					
Rental of subways	55		61,729 24						61,729 24		
Opening Streets.											
Aiken Street	..			1,432 09	1,432 09	1,432 09					
Unclaimed damages	..	117 50								117 50	
Aiken Street	..			1,432 09	1,432 09	1,432 09					

BURNT DISTRICT:											
Mayoralty expenses	11		520 00	520 00	520 00						
City Register expenses	14		466 60	466 60	466 60						
Appeal Tax Court	..		8,000 00	8,000 00	4,367 72	3,632 28			3,632 28		
Supervisors of Elections	15		25,000 00	25,000 00	16,909 96	8,090 04					8,090 04
Court House repairs	17		150,000 00	150,000 00	633 50	149,366 50			149,366 50		
Topographical Survey expenses	18		44 79	44 79	44 79						
Board of Estimates expenses	18		83 84	83 84	83 84						
Board of Police Commissioners	21		2,910 75	2,910 75	2,910 75						
Fire Department expenses	22		67,147 07	67,147 07	67,147 07						
Health Department expenses	24		1,200 00	1,200 00	1,200 00						
Inspection of Buildings, expenses	25		59,968 28	59,968 28	53,435 18	6,533 10					6,533 10
Building Laws Committee	25		5,000 00	5,000 00	168 66	4,831 34			4,831 34		
City Engineer expenses	41	29 53	23,081 08	23,110 61	23,081 08	29 53					29 53
City Surveyor fees	41		1,000 00	1,000 00	855 47	144 53					144 53
Burnt Dist. Commission, salaries	41		50,000 00	50,000 00	33,822 94	6,510 51			6,510 51		
Burnt Dist. Commission, expenses	41				9,666 55						
Widening Light street	42	3,900 50			385,657 49						
Widening Pratt street	42				27,115 84						
Widening St. Paul street	42				123,588 04						
Widening Hopkins Place	42	1,894 00			185,438 54	1,170,556 83			1,170,556 83		
Widening Calvert street	42		1,000,000 00		91,056 04						
Widening Lombard street	42		825,000 00	1,833,219 50	81,055 31						
Widening Commerce street	..				8,759 36						
Opening Hanover street	42	2,425 00			156,648 52						
Opening Market Spaces	42				67,703 50						
Extending West Falls avenue	42				13,655 04						
Widening German street	42		600,000 00		166,261 73						
Widening Charles street	42	800 00	600,000 00	1,200,800 00	131,203 80	436,839 66			436,839 66		
St. Paul street plaza	42				465,694 81						
White & Marriott	42		1,200 00	1,200 00	1,200 00						
Purchase of triangular lot on Hanover street	42		500 00	500 00		500 00			500 00		
Grading, paving, etc	43	53 62	200,000 00	200,053 62	62,908 88	137,144 74			137,144 74		
Landmarks in Burnt District	43		4,000 00	4,000 00		4,000 00			4,000 00		
Repairing Jones' Falls walls	43		11,000 00	11,000 00		11,000 00			11,000 00		
Commissioners of Street Cleaning, expenses	44		18,462 67	18,462 67	18,455 34	7 33					7 33
Water Engineer, expenses	51		73,000 00	73,000 00	45,698 74	27,301 26					27,301 26
Centre Market Commission	53		435,000 00	435,000 00	54 25	434,945 75			434,945 75		
Harbor Board, expenses	54		2,169 17	2,169 17	2,169 17						
Dock Improvements	54		500,000 00	500,000 00	125,034 79	404,844 36			404,844 36		
Public Wharves and Docks	54		3,000,000 00	3,000,000 00	3,013 19	2,996,986 81			2,996,986 81		

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VII—*Concluded.*

DEPARTMENTS.	No. in Schedule VI.	CREDITS.				DEBITS.	BALANCES AND TRANSFERS.				
		Balance from previous Year.	Receipts of the Year.	Appropriation by the City Council.	Total credits (not including transfers).	Expenditures of the Year.	Surplus or Deficiency of Credits.	Contingent Fund transfers to this Department (credits).	Amount Revenue carried to General Treasury.	Balance carried to following Year.	Balance closed to Appropriation Account.
Sinking Funds.											
General	10 III			$ 66,372 25	$ 66,372 25	$ 68,626 56	*$2,254 31				$ 2,254 31
Internal Improvement 1928 Loan	10 III			88,496 34	88,496 34	89,080 56	*584 22				584 22
Funding 1936 Loan	10 III			29,498 78	29,498 78	29,693 49	*194 71				194 71
Public Improvement 1940 Loan	10 III			58,997 56	58,997 56	59,386 99	*389 43				389 43
Four Million 1945 Loan	10 III			14,749 39	14,749 39	14,846 77	*97 38				97 38
Water 1916 Loan	10 III			58,997 56	58,997 56	59,386 99	*389 43				389 43
Water 1922 Loan	10 III			14,749 39	14,749 39	14,846 77	*97 38				97 38
Water 1926 Loan	10 III			29,498 78	29,498 78	29,693 49	*194 71				194 71
Conduit 1922 Loan	10 III			29,498 78	29,498 78	29,693 49	*194 71				194 71
Refunding 1940 Loan	10 III			58,997 56	58,997 56	59,386 99	*389 43				389 43
Conduit 1928 Loan	10 III			29,498 78	29,498 78	27,877 30	1,621 48				1,621 48
Loans, Etc.											
Four Million 1945	..	$42,252 34	$107,500 00		149,752 34	24,449 32	125,303 02			$ 125,303 02	
Five Million 1928	..	16,485 60					16,485 60			16,485 60	
Six Million 1940	..	57,542 81				996 82	56,545 99			56,545 99	
Conduit 1928	..	7,547 94	140,000 00			145,840 54	1,707 40			1,707 40	
Water 1943	..	282 61	92,500 00		92,782 61	24,082 12	68,700 49			68,700 49	
W. M. R. R. Fund	72		2,779,754 25			2,022,383 49	757,370 76			757,370 76	
Burnt District Loan, 1954	10 III					346,200 35	346,200 35			346,200 35	
Finance Commission	10 IV	384,909 97	4,651,639 20		5,036,549 17	4,776,649 17	259,900 00			259,900 00	

*Denotes Deficiency or Dr. Balance.

SCHEDULE A—VIII.

MAYORALTY A—VI (11).

Original Appropriation, salaries		$10,583 34
EXPENDITURES.		
Salaries to December 15th, 1904:		
Mayor, Robert M. McLane, 5 months 30 days to May 31st, 1904	$2,983 87	
Mayor, E. Clay Timanus, 6 months 1 day to December 1st, 1904	3,016 13	
Mayor's Secretary, 12½ months	2,395 84	
Clerk to Mayor, Walter M. Jordan, 12½ months	1,250 00	
Mayor's Messenger, John J. McGrath, 12½ months	937 50	
Total expenditures		$10,583 34
Original Appropriation, expenses		$2,000 00
EXPENDITURES.		
Advertising in sundry newspapers	$202 49	
Stamps, badges, car tickets and City directories	162 00	
Subscription to sundry newspapers	17 53	
Expressage, telegrams and telephone messages	56 31	
Pens, typewriter, carriages, and hire of typewriter	341 43	
Lunches for office force during and immediately following fire of February 7th and 8th, 1904, and expenses of Mayor and Delegation to Annapolis on City Legislation	163 80	
Dues to League of American Municipalities and expenses of trip of Committee to St. Louis, Mo., to attend Annual Session thereof	659 25	
Stenographic report of Gasoline hearings before Council Committees	111 60	
Improvement Committees—stamps, stationery	200 00	
Total expenditures		1,914 41
Surplus of credit		$85 59
Balance to surplus, 1904		85 59
BURNT DISTRICT ACCOUNT.		
Original Appropriation, from Burnt District Fund		$520 00
EXPENDITURES.		
Edwin H. Brownley, 3 months' services as clerk	$300 00	
Meals for firemen at time of the great conflagration, February 7th and 8th, 1904	50 00	
C. H. Waller, writing Resolutions of Thanks to out-of-town Fire Companies and others, for aid rendered during the great conflagration, February 7th and 8th, 1904	170 00	
Total expenditures		$520 00

DIARY CITY COUNCIL A—VI (12).

Original Appropriation, salaries $48,270 84

EXPENDITURES.

Salaries to December 15, 1904:

First Branch officers:

Chief Clerk, A. S. Goldsborough.....	$1,666 50		
Reading Clerk, H. C. Kilmer.....	1,250 00		
Committee Clerk, Walter E. Busch....	1,250 00		
Sergeant-at-Arms, Joseph J. Willis....	833 25		
First Doorkeeper, George Harrisberg..	729 00		
Second Doorkeeper, Thomas Gummer.	729 00		
Page, George W. Graham.....	833 25		
		$7,291 00	

First Branch members, salaries to December 1st, 1904:

1st	Ward,	George Konig.....	$1,000 00	
2d	"	Wm. B. Smith.....	1,000 00	
3d	"	W. H. Weissager.....	1,000 00	
4th	"	Louis D. Greene.....	1,000 00	
5th	"	Joseph Seidenman.....	1,000 00	
6th	"	Stephen C. Little.....	1,000 00	
7th	"	James Davis.....	1,000 00	
8th	"	John H. Hall.....	1,000 00	
9th	"	Arthur G. Watson, "Deceased"	830 56	
9th	"	Andrew I. Wright.....	161 29	
10th	"	B. J. Lee.....	1,000 00	
11th	"	Duke Bond.....	1,000 00	
12th	"	J. Barry Mahool.....	1,000 00	
13th	"	Roger T. Gill.....	1,000 00	
14th	"	B. M. Watts.....	1,000 00	
15th	"	B. W. Smith.....	1,000 00	
16th	"	Evan H. Morgan.....	1,000 00	
17th	"	Hiram Watty.....	1,000 00	
18th	"	Henry W. Nice.....	1,000 00	
19th	"	Wm. W. Radcliffe.....	1,000 00	
20th	"	C. Albert Kollmeyer.....	1,000 00	
21st	"	Andrew J. Utz.....	1,000 00	
22d	"	A. M. Sproesser.....	1,000 00	
23d	"	Chas. H. Heintzeman.....	1,000 00	
24th	"	Henry J. C. Hoffman.....	1,000 00	
				23,991 85

Second Branch officers, salaries to December 1st, 1904:

Chief Clerk, Merrill A. Teague, 9 months	$1,199 88	
Chief Clerk, Robert M. Welsh, 3½ months	466 70	
Reading Clerk, Robert M. Welsh, 9 months	900 00	
Reading Clerk, John Walter Wilson, 3½ months.....	350 00	
Committee Clerk, John A. Keith.....	1,250 00	
Sergeant-at-Arms, Geo. L. Gemundt....	833 33	
Page, W. W. Harper.....	729 00	
		5,728 91
Amounts carried forward.....	$37,011 76	$48,270 84

Amounts brought forward	$37,011 76	$48,270 84
Second Branch members, salaries to December 1st, 1904:		
President, E. Clay Timanus, 5 months 30 days	$1,491 93	
President, Geo. R. Gaither, 5 months 17 days	1,391 66	
1st District, Wm. A. Eisenbrandt	1,000 00	
1st " John Hubert	1,000 00	
2d " Wm. C. Smith	1,000 00	
2d " E. C. Livingston	1,000 00	
3d " Wm. D. Platt	1,000 00	
3d " Geo. Stewart Brown	1,000 00	
4th " Geo. W. Howser	1,000 00	
4th " B. Frank Kelley	1,000 00	
	10,883 59	
Total expenditures		$47,895 35
Surplus of credit		$375 49
Balance to surplus, 1904		375 49

DIARY CITY COUNCIL A—VI (12).

Original Appropriation, expenses		$7,835 00
EXPENDITURES.		
Advertising ordinances and notices in sundry papers	$527 30	
A. B. Montague, "running elevator"	25 00	
Ice	15 75	
Washing towels	12 75	
Date stamps	2 75	
J. M. Kurtz, indexing journals both Branches	250 00	
Wm. J. C. Dulany Co., stationery and printing	5,852 87	
Cushing & Co., stationery	380 50	
Mayor McLane's portrait and frame	650 00	
Committee on "Bay Park"	79 08	
Flowers, carriage hire, Mr. Watson's funeral	39 00	
Total expenditures		$7,835 00
REVENUE.		
Returned by Committee on Legislation		$121 21
Balance paid into City Treasury		121 21

LAW DEPARTMENT A—VI (13).

Original Appropriation, salaries		$11,300 00
Transferred from Contingent Fund		2,245 14
Total credits		$13,545 14
EXPENDITURES.		
Salaries to December 1, 1904:		
City Solicitor, W. Cabell Bruce	$3,999 96	
Deputy City Solicitor, Edgar Allen Poe	3,000 00	
Asst. " " Albert C. Ritchie	2,291 10	
" " " Joseph S. Goldsmith	2,499 96	
" " " L. H. Lauchheimer	1,754 00	
Total expenditures		13,545 02
Surplus of credit		$ 12
Balance to surplus, 1904		12

Original Appropriation, expenses		$2,000 00
Transferred from Contingent Fund		1,100 00
Total credits		3,100 00

EXPENDITURES.

Stationery	$ 80 50	
Subscription to papers	14 24	
Postage stamps	28 77	
Fare to Annapolis	83 53	
Extra services, W. W. Thompson	253 00	
" " A. C. Girdwood	276 39	
" " Wm. Penn Lewis	50 00	
" " Wm. H. Behn	403 00	
" " H. C. Downes	414 85	
" " A. Thomas	143 77	
" " Harry T. Thomas	10 00	
" " J. A. White	20 00	
" " Fred. W. Story	92 50	
Law Books	893 00	
Car fare	80	
Copy of Records	42 55	
Printing annual report	11 30	
City Directory	6 00	
James W. Owens, services in Legislature	100 00	
Repairs to typewriter	5 00	
Messenger services	41 00	
Acknowledgments	50	
Telegrams	7 72	
Telephone holder	5 75	
Furniture	81 00	
Moving telephone	6 13	
Copy of letters of record	2 75	
Rubber stamps	60	
Electric lights	25 35	
Total expenditures		$3,100 00

Original Appropriation, stenographer, typewriter, etc.	$2,500 00
Transferred from Contingent Fund	140 34
Returned by Quinn, messenger boy, salary paid May 18, 1904.	5 00
Total credits	2,645 34

EXPENDITURES.

Services to December 15th, 1904:

Stenographer and clerk to City Solicitor, Henry W. Weeks	$1,494 50	
Services to City Solicitor, W. L. Prout	80 00	
Stenographer to City Solicitor, Miss Ida May Lyeth.	403 58	
Messenger to " " Jno. V. Ward	625 00	
Messenger Boy to " " A. Quinn	7 00	
" " " " D. F. Nicholson	9 68	
Total expenditures		2,619 76

Surplus of credit	$25 58
Balance to surplus, 1904	25 58

Original Appropriation, judgments and suits	$10,000 00	
Baltimore Chrome Works	500 00	
Canton Lumber Company	1,250 00	
W. H. Weeks	26 45	
United Railways & Electric Company	37 50	
Sanders & Stayman	50 00	
Total credits		$11,863 95

EXPENDITURES.

Jas. D. Hughes, judgment	$ 939 50	
Warner & Mackenzie, "	1,025 84	
Halloran, "	101 17	
Mary B. Hock, "	800 00	
R. & C. Smith, "	100 00	
Pat'k McGee, "	1,000 00	
Forlifer, "	150 00	
Jo. Rigby, "	150 00	
Hughes, "	150 00	
Chas. Ziegler, *et al* settlement	135 00	
Wm. Dawson, "	25 00	
G. Saurski, "	115 00	
Sheehan and wife "	200 00	
Ringgold, Executor, "	119 96	
Hayes, Chandler & Lloyd, "	950 00	
Foreman, "	250 00	
Holden, "	475 00	
H. & M. Viecshorn, "	100 00	
R. & C. Smith, "	25 00	
F. P. Sweeney, *et al* "	600 00	
Niles & Wolf, "	250 00	
Simmons, "	35 00	
O. Bohle, "	125 00	
Susan D. Johnson, "	100 00	
Otto Strippey, "	50 00	
W. Sapp, "	50 00	
Thos. Michael, "	100 00	
E. A. MacDonough, "	75 00	
P. R. Champness, "	50 00	
Redinger, "	100 00	
Transcripts, costs U. S. District Court, Court of Appeals and local courts	1,152 17	
Printing briefs	360 95	
Stenographic services	162 40	
Magistrates' costs, tax cases, etc	1,496 55	
Professional services, expert, etc	287 20	
Total expenditures		11,805 74
Surplus of credits		$58 21
Balance to surplus, 1904		58 21

COMPTROLLER'S DEPARTMENT A—VI (14).

Original Appropriation, salaries		$13,083 34
EXPENDITURES.		
Salaries to December 15, 1904:		
Comptroller, George R. Heffner, 12 months to December 1st, 1904	$3,500 00	
Deputy Comptroller, Julius W. Freeman, 12½ months to December 15th, 1904	2,395 84	
Chief Clerk, Henry C. Hines, 12½ months to December 15th, 1904	1,770 84	
Assistant Clerk, Harry L. P. Woolf, 12½ months to December 15th, 1904	1,250 00	
Auditor, Albert M. Collins, 12½ months to December 15th, 1904	1,250 00	
Auditor, John R. Bailey, 12½ months to December 15th, 1904	1,250 00	
License Detective, Chas. H. S. Brannan, 12½ months to December 15th, 1904	1,041 66	
Stenographer, Wm. H. Jordan, 12 months to December 15th, 1904	600 00	
Stenographer, Geo. M. Swindell, ½ month to December 15th, 1904	25 00	
Total expenditures		$13,083 34
Original Appropriation, expenses		$750 00
EXPENDITURES.		
Subscriptions to daily papers and Municipal Journal	$ 14 83	
Postage	33 28	
Printing annual report	98 35	
Recording deeds and acknowledgments	9 50	
City Directory	6 00	
Acts of Assembly, 1904	5 00	
Extra clerical services, stenographer, typewriter	183 34	
On account erection of steel cases in vault	340 95	
Meals for office force	25 10	
Repairs and supplies for typewriter, rubber stamps	33 65	
Total expenditures		$750 00

CITY REGISTER'S DEPARTMENT A—VI (14).

Original Appropriation, salaries		$10,912 50

EXPENDITURES.

Salaries to December 15, 1904:		
City Register, Harry F. Hooper, 12 months to December 1st, 1904	$3,300 00	
Deputy Register, J. Sewell Thomas, 12 months to December 1st, 1904	2,300 00	
Chief Clerk, Isaac L. Newman, 12½ months to December 1st, 1904	1,458 34	
Stock Clerk, Edward Brady, 12½ months to December 1st, 1904	1,666 66	
Assistant Clerk, Wm. T. Jones, 12½ months to December 1st, 1904	1,250 00	
Assistant Clerk, Paul Needing, 3 months to December 1st, 1904	225 00	
Assistant Clerk, Chas. H. Moore, 9½ months to December 1st, 1904	712 50	
Total expenditures		$10,912 50

Original Appropriation, expenses, A—VI (14)		$750 00

EXPENDITURES.

Adding machine	$375 00	
Meals for clerks	54 29	
Postage	95 31	
Annual report	42 35	
Boxing and filing case	24 57	
Stationery	21 00	
Typewriter and repairs	50 00	
Copying ordinances	15 50	
Expressage	50	
Car tickets	5 00	
Subscription to papers	15 03	
City directory	6 00	
Money pouch and repairs	6 65	
Keys	75	
Telephone calls out of City	65	
Counterfeit detector	3 00	
Error in paying Election officials	21 00	
Rubber stamps and pads	13 40	
Total expenditures		$750 00

BURNT DISTRICT ACCOUNT.

Original Appropriation, from Burnt District Fund	$466 60

EXPENDITURES.

Advertising Six Million Loan Ord. No. 71, 1904	466 60

CITY SEAL.

Balance brought forward from 1903	$10 05	
Receipts during the year	21 71	
Total receipts		$31 76
Balance paid into City Treasury		31 76

CITY COLLECTOR'S DEPARTMENT A—VI (14).

Original Appropriation, salaries		$33,770 84

EXPENDITURES.

Salaries to December 15, 1904:

Collector, Henry Williams, 12 months	$2,000 00	
Deputy Collector, Edw. A. Hartman, 12½ months	2,395 83	
Cashier, Charles T. Jenkins, "	1,875 00	
Ass't Cashier, Jesse L. Cassard, "	1,562 50	
Bookkeeper, Charles Schwartzhaupt, "	1,666 67	
Cash Bookkeeper, J. George Frainie, "	1,666 67	
Piece Clerk, John W. Scott, "	1,354 17	
Transfer Clerk, William Linthicum, "	1,250 00	
Ledger Clerk, Robert Paterson, "	1,250 00	
" Oliver B. Craig, "	1,250 00	
" John T. McGuiness, "	1,250 00	
" Edward A. Holmes, "	1,250 00	
" Wm. S. O'Donnell, "	1,250 00	
" Joshua D. Taylor, "	1,250 00	
" Thomas F. Hannon, "	1,250 00	
" Charles S. Moran, "	1,250 00	
" Patrick J. Tewey, "	1,250 00	
" Bernard F. Gallery, "	1,250 00	
" Nicholas J. Pfeifer, "	1,250 00	
" Frederick Koehler, "	1,250 00	
" R. E. Maloney, "	650 00	
" John C. Perry, "	573 33	
" Howard C. Anderson, "	1,250 00	
" John M. Pope, "	1,250 00	
" Michael P. Caughy, "	1,250 00	
Total expenditures		33,744 17
Surplus of credit		$26 67
Balance to surplus, 1904		26 67
Original Appropriation, expenses		$2,500 00
Transferred from Contingent Fund		375 00
Total credits		$2,875 00

EXPENDITURES.

Advertising	$ 480 67	
Supper money	1,185 75	
Adding machine	375 00	
Pope's Computer	126 25	
Postage stamps	371 68	
Services of stenographer	207 58	
Subscription to papers	13 37	
City Directories	43 00	
Rubber stamps	12 05	
Printing annual reports	8 00	
Laws of Maryland	5 00	
Printing cards	2 25	
Repairs to typewriter	12 50	
Extra services	5 00	
Incidentals	26 90	
Total expenditures		$2,875 00

APPEAL TAX COURT A—VI (14).

Original Appropriation, salaries		$23,850 00
EXPENDITURES.		
Judge, Conway W. Sams	$2,000 00	
" Wm. H. Brune	2,000 00	
" Oscar Leser	2,000 00	
Chief Clerk, Frank J. Murphy	1,600 00	
Ass't " George E. Brown	1,666 67	
Transfer, Writ and Notice Clerk, Clarence W. Biddle	1,250 00	
Stenographer and Clerk, Montford A. De Souza	1,041 67	
Chief Assessor, J. H. Morgan Payne	1,875 00	
Deputy " Daniel C. Coblens	1,458 33	
" " J. C. L. Cole	1,458 33	
Assessor, Samuel B. Fauth	1,250 00	
" David Stiefel	1,250 00	
" George R. Cross	1,250 00	
" Randolph B. Mason	400 00	
" George W. Edwards	800 00	
" Henry A. Williams	1,250 00	
" James E. Silcott	200 00	
" Charles G. Kerr	1,050 00	
Total expenditures		23,800 00
Surplus of credit		$50 00
Balance to surplus, 1904		50 00
Original Appropriation, expenses		$1,675 00
EXPENDITURES.		
Daily papers, chronicle, advertising	$ 218 79	
Office dictionary, law books and legal files	21 97	
Mortgage list and Orphans' Court inventories	254 25	
Drawing plats, paper, maps and binding	443 11	
Transportation and telegraph	210 92	
Stamps and postal cards	178 65	
Meals (overtime work)	99 75	
Vessel book and bookcase	125 25	
Directories and street guides	13 50	
Extra telephone calls	12 10	
Toilet articles and spring water	23 26	
Stencils and notice cards	16 45	
Expenses of fire (February 7th and 8th, 1904)	29 25	
Electric fan	12 00	
Repairing typewriter	7 75	
Annual reports	8 00	
Total expenditures		1,675 00
BURNT DISTRICT ACCOUNT.		
Original Appropriation, from Burnt District Fund, Ord. No. 131, 1904		$8,000 00
EXPENDITURES.		
Thomas J. Lindsay, Special Assessor, 4 months	$1,600 00	
Alfred D. Bernard, " " 4 "	1,600 00	
John F. Hoffman, " Clerk, 2½ "	333 33	
Wm. H. Randle, " " 2½ "	333 33	
Wm. B. Whiteside, " " 3 " 23 days	501 06	
Total expenditures		4,367 72
Surplus of credit		$3,632 28
Balance carried forward to 1905		3,632 28

ELECTIONS A—VI (15).

SUPERVISORS OF ELECTIONS.

Original Appropriation, salaries		$15,000 00

EXPENDITURES.

Salaries to December 1, 1904:

Supervisor, Charles H. Carter, President	$2,500 00	
" William F. Porter	1,048 39	
" James E. McClellan	1,048 39	
" Henry Fenge	1,451 61	
" William M. Byrne	1,451 61	
Counsel, Bernard Carter	703 22	
" W. Starr Gephart	496 78	
Chief Clerk, James E. Hubbert	2,000 00	
Messenger, George N. Lewis	346 65	
" Antony Dimarco	383 32	
Temporary Clerk, Leonidas Polk	1,237 48	
" " Howard R. Buckley	1,066 66	
Total expenditures		13,734 11
Surplus of credit		$1,265 89
Balance to surplus, 1904		1,265 89

Original Appropriation, expenses		$3,117 00

EXPENDITURES.

Advertising	$1,048 06	
Storage of booths	275 00	
Stationery	244 97	
Part cost of elevator (S. W. Police Station)	240 00	
Printing	127 20	
Rent of Chesapeake & Potomac Telephone	124 62	
Hauling	99 65	
One bookcase	50 00	
Rent of Maryland Telephone	48 00	
Twine and needles	32 60	
Two Fan Motors	32 00	
Car tickets	20 00	
Bond of Chief Clerk	20 00	
Insurance	15 00	
Freight	12 40	
Postage	11 00	
Chairs and tables	10 00	
Help (laborers)	11 00	
Carriage hire	8 50	
City Directory	6 00	
Total expenditures		2,436 00
Surplus of credit		$681 00
Balance to surplus, 1904		681 00

REGISTRATION.

Original Appropriation		$53,838 00

EXPENDITURES.

Pay of judges and room rent	$24,232 00	
Posting of registered names	4,070 52	
Advertising	3,058 35	
Printing	1,098 80	
Stationery	785 70	
Extra help (clerk hire)	587 00	
Extra Counsels	425 00	
Maps	398 00	
Transferring registered names	300 00	
Typewritten reports (registration trials)	219 00	
Costs of mandamus cases	210 25	
Posting notices	200 00	
Registration books	168 50	
Ink and paste	163 40	
Appointment books	160 00	
Postage	106 00	
Rent of hall	50 00	
Affidavits	5 50	
Total expenditures		36,238 02
Surplus of credit		$17,599 98
Balance to surplus, 1904		17,599 98

PRIMARY ELECTION.

Original Appropriation		$22,720 00

EXPENDITURES.

Pay of judges, clerks and room rents	$10,189 00	
Advertising	3,056 60	
Lumber	1,442 56	
Extra help (clerks)	1,176 00	
Printing ballots, etc	1,093 70	
Carpenter and laborers	546 32	
Hauling and erecting booths	545 62	
Rods, flanges and curtains	202 40	
Posting notices	200 00	
Candles and wrapping paper	40 00	
Candle holders	15 00	
Total expenditures		18,507 20
Surplus of credit		$4,212 80
Balance to surplus, 1904		4,212 80

GENERAL ELECTION.

Original Appropriation		$22,820 00

EXPENDITURES.

Pay of judges, clerks and room rent	$12,927 00	
Advertising	2,897 91	
Printing ballots, etc	1,630 60	
Hauling and erecting booths	727 80	
Pipes, flanges, rods and curtains	396 80	
Extra help (clerks)	300 00	
Carpenter and laborers	291 08	
Posting notices	200 00	
Lumber	192 70	
Galvanized iron backs	114 94	
Candles, tacks and paper	52 13	
Stationery	49 00	
Total expenditures		19,779 96
Surplus of credit		$3,040 04
Balance to surplus, 1904		3,040 04

REVENUE.

Assessments received from candidates and delegates for the Primary Election held in September, 1904:

Martin M. Mulhall, candidate for the Republican nomination 3rd District	$25 00	
James W. Denny, candidate for the Democratic nomination 4th District	25 00	
John W. Gilroy, candidate for the Republican nomination 3rd District	25 00	
Frank C. Wachter, candidate for the Republican nomination 3rd District	25 00	
William C. Smith, candidate for the Republican nomination 4th District	25 00	
Francis P. Curtis, candidate for the Democratic nomination 4th District	25 00	
John Gill, Jr., candidate for the Democratic nomination 4th District	25 00	
Lee S. Meyer, candidate for the Democratic nomination 3rd District	25 00	
4th District Delegates (Wm. C. Smith)	50 00	
4th " " (W. M. Mulhall) 9 Wards	45 00	
3rd " " (F. C. Wachter)	50 00	
Total receipts for 1904		$ 345 00
Balance brought forward from 1903		6,625 00
Total receipts		$6,970 00
Balance paid into City Treasury		6,970 00

BURNT DISTRICT ACCOUNT.

Original Appropriation, Special Election		$25,000 00
EXPENDITURES.		
Pay of judges, clerks and room rent	$12,324 00	
Hauling and erecting booths	1,251 50	
Printing ballots, posting, etc	1,250 17	
Advertising	786 90	
Extra help (clerks)	522 00	
Repairs to booths	393 00	
Stationery	311 52	
Candles, tacks and paper	55 87	
Chairs and candle holders	15 00	
Total expenditures		16,909 96
Surplus of credit		$8,090 04
Balance to Burnt District Fund		8,090 04

CITY LIBRARY A—VI (16).

Original Appropriation, salaries		$3,150 00
EXPENDITURES.		
Librarian, Wilbur F. Coyle	$1,500 00	
First Assistant, F. B. Hoffman	360 00	
Second " Fred'k Schultz	92 74	
" " C. Carroll Collmus	205 18	
First " " " "	540 00	
Second " J. M. Rutherford	452 08	
Total expenditures		$3,150 00
Original Appropriation, expenses		$14,249 32
Transferred from Contingent Fund		500 00
Total credits		14,749 32
EXPENDITURES.		
Maps and plats	$ 385 00	
Appeal Tax Court	368 53	
Board of Estimates	18 07	
City Collector	1,784 44	
City Comptroller	199 80	
City Engineer	1,054 03	
City Jail	411 51	
City Library	875 17	
City Solicitor	182 43	
City Register	420 34	
Commissioners for Opening Streets	28 01	
Commissioners of Street Cleaning	274 27	
Fire Department	1,351 09	
Free Baths	68 09	
Harbor Board	83 40	
Health Department	1,890 74	
Inspector of Buildings	1,017 27	
Mayoralty	172 72	
School Board	2,197 82	
Supervisors of City Charities	518 03	
Superintendent of Lamps and Lighting	272 73	
Superintendent of Public Buildings	93 96	
Topographical Survey	142 57	
Total expenditures		13,810 02
Surplus of credit		$939 30
Amount carried forward to 1905		115 00
Balance to surplus, 1904		$824 30

ADVERTISING LAWS A—VI (16).

Original Appropriation,	$2,000 00
Transferred from Contingent Fund	2,000 00
Total credits	4,000 00

EXPENDITURES.

Publishing ordinances in sundry papers during the year	3,735 80
Surplus of credit	$264 20
Balance to surplus, 1904	264 20

City Librarian Revenue.

Sales City Codes, Charters, etc	$151 00
Balance paid into City Treasury	151 00

CITY HALL AND PUBLIC BUILDINGS A—VI (17).

Original Appropriation, salaries, City Hall $15,375 00

EXPENDITURES.

Salaries to December 16, 1904:

Superintendent Public Buildings, Isaac A. Miller, 4 months	$500 00	
Superintendent Public Buildings, John T. Murphy, 5 months 10 days	666 66	
Superintendent Public Buildings, George F. Jones, 2 months 20 days	333 34	
Clerk to Superintendent and Janitor, B. Howard Scott, 9 months 10 days	700 00	
Elmer J. Jones, 3 months 5 days	237 50	
Watchman, Michael J. Cullen	750 00	
" James J. Callahan, 11 months 19½ days	698 00	
" George W. Griggs, 11 months 11½ days	681 48	
" Edward C. Marriott, 7½ days	14 52	
" William H. De Baufre, 26 days	52 00	
" Josiah V. Bell, 27 days	54 00	
Fireman, Thomas D. Kershaw, 21½ days	52 50	
" John Stutt, Sr., 11 months 25 days	887 50	
" Curtis B. Simmonds, 11 days	26 61	
" Jesse Hunt, 27 days	65 33	
" William T. Harrington, 12 days	29 03	
" John B. Caparon, 4 months 27 days	365 32	
" Frederick W. Schiller, 11 months 7½ days	843 06	
" Peter J. Hagan, 7 months 4½ days	535 89	
Laborer, John Armiger, 12 months 3 days	525 63	
" Robert Milanch, 12 days	16 77	
" Patrick H. Madden, 9 months	390 00	
" William Fowler, 3 months 11 days	148 72	
Elevator Conductor, Alvin B. Montague	750 00	
Window-washer, Joseph Raymond, 11 months 17 days	505 00	
" " Charles F. Pleines, 22 days	36 66	
Superintendent Charwomen, Lillie Fitzgerald, 12 mo.	480 00	
" " Mary E. Arnold, ½ mo.	20 00	
Charwoman, Eliza Cunningham	312 50	
" Frances Furst	312 50	
" Ellen Kelly	312 50	
Amounts carried forward	$11,303 02	$15,375 00

Amounts brought forward	$11,303 02	$15,375 00
Charwoman, Ellen Haney	312 50	
" Sarah Hudgins	312 50	
" Kate Maxon	312 50	
" Bridget Gahgan	312 50	
" Mary Keys	312 50	
" Alice Leonard	312 50	
" Catherine Slaughter	312 50	
" Ellen Donnegan	312 50	
" Jennie Sank	312 50	
" Annie Strohman	312 50	
" Fannie Florinyeck, 3 months	75 00	
" Rose McCaffery, 3½ months	87 50	
" Sophia Cartlich, 6 months	150 00	
" Abigail Murphy, 5 months	125 00	
" Annie Weber, 7 months 22½ days	193 00	
" Mary Rigney, 1½ months	37 50	
" Florence Drury, 5 months	125 00	
" Annie Mahony, ½ month	12 50	
" Sarah A. Metee, 4 months	100 00	
" Lizzie Davis, 8 days	6 67	
" Johanna May, 26 days	21 67	
Total expenditures		15,361 86
Surplus of credit		$13 14
Balance to surplus, 1904		13 14
Original Appropriation, expenses		$8,950 00

EXPENDITURES.

General supplies, buckets, soaps, brushes, sweeps, mops, cloth, etc	$1,383 79	
General repairs	361 80	
Lighting, gas and electricity	540 58	
Laundering towels, sheets, etc	147 99	
Furniture repairs	450 75	
Ice	299 25	
Curtains and outside blinds	301 10	
Carpets, new furniture, linoleum, etc	1,055 45	
Fuel, coal and wood	4,093 61	
Carpet cleaning	156 42	
Incidentals and labor	159 26	
Total expenditures		$8,950 00

CITY HALL ANNEX A—VI (17).

Original Appropriation, salaries, Annex		$2,343 75

EXPENDITURES.

Salaries to December 15, 1904:		
Janitor and Fireman, John B. Weilage	$656 25	
Watchman, Robert W. Hays, 11 months 18 days	696 00	
" George W. Griggs, 27½ days	54 00	
Charwoman, Clemintine Anderson	312 50	
" Mary Whalen	312 50	
" Dollie Reid	312 50	
Total expenditures		$2,343 75

Original Appropriation, expenses $4,500 00

EXPENDITURES.

General supplies, buckets, soaps, brushes, sweeps, mops, cloth, etc.	$624 45	
Ice	73 95	
Lighting, gas and electricity	437 28	
Coal and wood	528 94	
Incidentals, labor, etc.	43 04	
New furniture, carpets, linoleum	440 14	
General repairs	177 20	
Rent of Annex Building	1,975 00	
Furniture and cooking utensils, Quarantine Station.	200 00	
Total expenditures		$4,500 00

COURTHOUSE A—VI (17).

Original Appropriation, salaries $35,505 21

EXPENDITURES.

Salaries to December 16, 1904:

Assistant Superintendent Public Buildings, John F. Leonard, 9 months 10 days	$933 33	
Assistant Superintendent Public Buildings, John W. McCormick, 3 months 5 days	316 67	
Chief Electrician, Lawrence J. McCormick, 12 mos.	1,200 00	
" " Lewis B. Bell, ½ month	50 00	
Asst. " Electrician, Lewis B. Bell, 12 mos.	900 00	
" " W. C. Thorpe, ½ month	37 50	
Chief Engineer, John E. Graff	1,250 00	
Asst. " Richard Knox, 11 mos. 24½ days.	885 00	
" " Henry Henson	937 50	
" " Franklin Cowan, 22 days	52 50	
Fireman, William Curley, 12 months 17½ days	942 42	
" John T. Montague, 12 months 17 days	941 21	
" William Gaunt, 10 months 28 days	820 00	
" Peter J. Hagan, 1 day	2 50	
" Franklin Cowan, 23 days	57 50	
" Bayard H. Reynolds, 21½ days	52 50	
Coal passer, Harold Campbell, 313½ days at $1.66 2-3 per day	522 51	
Coal passer, James Ratty, 15½ days at $1.66 2-3 per day	25 83	
Coal passer, Peter J. Hagan, 147½ days at $1.66 2-3 per day	245 85	
Coal passer, Frank Von Minchow, 11 days at $1.66 2-3 per day	18 33	
Coal passer, Charles Wyatt, 345 days at $1.66 2-3 per day	575 02	
Coal passer, Robert W. Powell, 126½ days at $1.66 2-3 per day	210 84	
Coal passer, Henry Lacher, 89½ days at $1.66 2-3 per day	149 17	
Coal passer, Henry W. McKelvey, 1 day at $1.66 2-3 per day	1 67	
Coal passer, Samuel H. Lupton, 1 day at $1.66 2-3 per day	1 67	
Amounts carried forward	$11,129 52	$35,505 21

Amounts brought forward	$11,129 52	$35,505 21
Coal passer, Samuel H. Kusmaul, 42½ days at $1.66 2-3 per day	70 83	
Coal passer, Amfield P. Hall, 7 days at $1.66 2-3 per day	11 67	
Coal passer, William Krieg, 20½ days at $1.66 2-3 per day	34 17	
Coal passer, Dominic Roach, 18½ days at $1.66 2-3 per day	30 83	
Oiler, Joseph Lennon, 11 months 27 days	595 00	
" William Shadrick, 11 months 22 days	586 72	
" T. H. Hurst, 11 months, 25½ days	591 61	
" T. H. Kusmaul, 21 days	35 00	
" George G. Bell, 21 days	35 00	
" Amfield P. Hall, 18 days	30 00	
Elevator Conductor, Michael Farrell, 12 months 1 5-16 days	722 54	
Elevator Conductor, P. McDermott, 11 mos. 27 days.	713 23	
" " John V. McGraw, 12 months 16⅝ days	753 15	
Elevator Conductor, Frank Fallon, 12 mos. 2⅜ das.	724 60	
" " H. C. Saunders, 12 mos. 15⅞ das.	751 69	
" " H. A. Repson, 15½ days	30 00	
" " R. Kellough, 15½ days	30 00	
" " William E. Collier, 4½ days	8 71	
" " S. Arata, 8 days	15 48	
Watchman, C. D. Moore, Jr., 9 months 9 days	558 00	
" W. J. Booth, 11 months 21 days	702 00	
" H. F. Kroeger, 11 months 18 days	696 00	
" J. H. Leach, 11 months 18 days	696 00	
" William Fink, 11 months 15 days	690 00	
" W. J. Burke, 2 months 9 days	138 00	
" Jos. Kelley, 27 days	54 00	
" W. H. Primrose, 1 month	60 00	
" J. T. Legg, 27 days	54 00	
" B. Weil, 27 days	54 00	
" J. W. Rumney, 24 days	48 00	
Janitor, John G. Scott, 11½ months	690 00	
" G. Harvey Tuckey, 1 month	60 00	
Laborer, Stephen Arata	541 65	
" John Donveis, 8 months 25½ days	383 02	
" William Conner, 11 months 22 days	509 94	
" John P. Spies, 3 months 8 days	141 52	
" Hartman Peters, 20 days	29 99	
Marble Polisher, R. M. P. Woodward, 12 months	580 00	
" " James Tuohy	604 16	
" " Fred. Winslow, ½ month	24 16	
Wood " W. A. Sauerwein, 11 mos. 26 days.	593 33	
" " Thos. Martin, 19 days	31 67	
Window " Frank Paterri, 12 months 7 days	531 66	
" " Louis L. Murphy, 12 months 6 das.	529 99	
" " Thos. Sweeting, 6 days	10 00	
Court Matron, Mary Malone	312 50	
Superintendent Charwomen, Margaret Giles, 10 mos.	400 00	
" " Mary E. Ruff, 2½ mos.	100 00	
Charwoman, Mary Rigney, 6½ months	87 50	
" Kate Massie	312 50	
" Kate Rausch	312 50	
" Ellen Rockel	312 50	
" Kimag Dougherty	312 50	
" Mary Twist	312 50	
Amounts carried forward	$28,373 34	$35,505 21

Amounts brought forward	$28,373 34	$35,505 21
Charwoman, Mary Finn	312 50	
" Mary Syron, 6 months	150 00	
" Annie Leimbeck	312 50	
" Katie Connelly, 3½ months	87 50	
" Mollie Moffitt	312 50	
" Grace Smith	312 50	
" Margaret White	312 50	
" Maggie Jacobs	312 50	
" Kate Hagerty	312 50	
" Cath. Dunn	312 50	
" Helen Redmond	312 50	
" Miranda Chandler	312 50	
" Julia H. Proffin	312 50	
" Mary T. McLaughlin, 12 months	300 00	
" Mary Manion	312 50	
" Catherine Weber	312 50	
" Theresa Schone	312 50	
" Ellen Leonard	312 50	
" Annie Regan	312 50	
" Jennie Thomas	312 50	
" Maggie Sumwalt	312 50	
" Mary Solan, 3 months	75 00	
" Annie Kelley, 8 months 22½ days	218 35	
" Fannie Florinyeck, 9 months	225 00	
" Mary E. Ludwig, 9 months	225 00	
" Sophia Cartlich, 7 months	175 00	
" Mary Goodrich, 23½ days	19 17	
Total expenditures		35,473 36
Surplus of credit		$31 85
Balance to surplus, 1904		31 85
Original Appropriation, expenses		$17,250 00
Transferred from Contingent Fund		481 00
Total credits		17,731 00

EXPENDITURES.

General supplies, buckets, soaps, brushes, sweeps, mops, cloths, etc.	$ 2,748 28	
Coal and wood	12,987 15	
Ice	324 18	
Repairs on machinery and electric plant, oils, greases, etc.	749 13	
Towel service	106 40	
Electric lamps, etc.	344 28	
General repairs	471 58	
Total expenditures		$17,731 00

PARTITION IN CITY ENGINEER'S DEPARTMENT.

Appropriation		$8,000 00

EXPENDITURES.

C. L. Stockhausen, Contractor, on acct. of buildings.	$7,903 74	
Advertising for proposals	96 26	
Total expenditures		$8,000 00

CASE FOR HEALTH DEPARTMENT.

Appropriation	$400 00
EXPENDITURES.	
W. J. C. Dulany Company, for case	396 00
Surplus of credit	$4 00
Balance to surplus, 1904	4 00

MURAL PAINTINGS COURTHOUSE A—VI (17).

Original Appropriation	$10,000 00
EXPENDITURES.	
Paid Edwin Howland Blanchfield	5,000 00
Surplus of credit	$5,000 00
Balance carried forward to 1905	5,000 00

DRAPERIES, UPHOLSTERING, ETC., CITY COUNCIL CHAMBERS.

Original Appropriation,		$3,500 00
EXPENDITURES.		
Advertisements	$ 129 31	
Retouching	30 00	
Regilding	11 25	
Draperies, etc	1,468 50	
Carpets, etc	157 11	
Upholstering furniture	1,528 83	
Expert commissions	175 00	
Total expenditures		$3,500 00

RENOVATING, REGILDING FRAMES AND PICTURES, CITY COUNCIL CHAMBERS.

Original Appropriation,		$900 00
EXPENDITURES.		
Renovating pictures	$390 00	
Regilding frames	510 00	
Total expenditures		$900 00

REVENUE.

Balance brought forward from 1903	$68 85
Received from sale of old paper, rags, etc	72 99
Total receipts	$141 84
Balance paid into City Treasury	141 84

BURNT DISTRICT ACCOUNT.

Courthouse Commission.

Original Appropriation from Burnt District Fund		$150,000 00
EXPENDITURES.		
Thos. L. Jones, windows and frames	$329 56	
Jno. Gill & Sons, removing damaged wall courthouse, St. Paul Street front	178 62	
Otis C. Brownley, Clerk to Commission, 5 months' salary	125 00	
L. F. Johnson, examining ceilings	32	
Total expenditures		633 50
Surplus of credit		$149,366 50
Balance carried forward to 1905		149,366 50

LIQUOR LICENSE COMMISSION A—VI (18).

Original Appropriation, salaries	$11,000 00
Returned by Eugene E. Grannan, Ex-Commissioner	5 55
Total credits	$11,005 55

EXPENDITURES.

Salaries to December 1, 1904:		
Commissioner, Eugene E. Grannan	$ 844 44	
" William H. Jones	844 44	
" Bernard Wiesenfeld	1,494 44	
" Edw. L. Bracco	1,155 90	
" Allan B. Howard	1,155 90	
Counsel, Alexander H. Robertson	506 45	
" Alfred S. Niles	679 36	
Chief Clerk, William A. Johnson	590 82	
" " Washington Bowie	809 16	
Clerk, Jno. R. Hudgins	1,200 00	
" Harry T. Thomas	800 00	
" Carroll H. Bryan	651 61	
Stenographer, Margaret F. McDonnell	194 98	
Total expenditures		10,927 50
Surplus of credit		$78 05
Balance to surplus, 1904		78 05
Original Appropriation, expenses		$4,113 50

EXPENDITURES.

Advertising lists of applicants for licenses	$3,087 07	
Stenographic services, Margaret F. McDonnell	190 00	
Extra clerical services, Edward J. Edwards	166 66	
Rent C. & P. Telephone Co	188 16	
" Maryland Telephone Co	42 00	
Books, stationery, printing	331 94	
Electric fans	41 00	
Towel service	13 75	
Postage	27 41	
Incidentals	25 51	
Total expenditures		4,113 50

TOPOGRAPHICAL SURVEY A—VI (18).

Original Appropriation, salaries	$6,343 75

EXPENDITURES.

Salaries to December 15, 1904:		
Chief Engineer, J. W. Shirley	$1,489 22	
Asst. " R. N. Hanna	1,250 00	
Instrument Man, M. Blundon	937 50	
Draftsman, F. H. Firoved	695 00	
Rodman, G. W. Sauner	750 00	
" C. R. Whitaker	710 00	
" J. S. Hill	306 00	
Draftsman, H. Laessig	67 76	
Rodman, G. W. Ogier	60 00	
Draftsman, J. W. Isaacs	35 75	
Instrument Man, M. A. Tydings	5 00	
Rodman, W. Wagner	4 00	
" C. Sapp	3 50	
Total expenditures		6,313 73
Surplus of credit		$30 02
Balance to surplus, 1904		30 02

Original Appropriation, expenses		$180 00
EXPENDITURES.		
Material	$14 90	
Car tickets	72 50	
Blue printing	31 94	
Tapes	25 45	
Repairs	19 50	
Postage	5 00	
Report	4 60	
Total expenditures		173 89
Surplus of credit		$6 11
Balance to surplus, 1904		6 11
BURNT DISTRICT ACCOUNT.		
Original Appropriation, from Burnt District Fund		$44 79
EXPENDITURES.		
Purchase of maps	$40 00	
Blue prints	4 79	
Total expenditures		44 79
Topographical Survey Revenue.		
Sale of maps of City, etc		$164 15
Balance paid into City Treasury		164 15

BOARD OF ESTIMATES A—VI (18).

Original Appropriation		$1,000 00
EXPENDITURES.		
Stenographer and typewriter	$416 55	
Printing appropriation book, 1904	165 00	
Advertising Ordinance of Estimates in two daily newspapers	353 46	
Total expenditures		935 01
Surplus of credit		$64 99
Balance to surplus, 1904		64 99
BURNT DISTRICT ACCOUNT.		
Original Appropriation from Burnt District Fund		$83 84
Advertising in various newspapers		83 84

BOARD OF PUBLIC IMPROVEMENTS A—VI (18).

Original Appropriation,		$600 00
EXPENDITURES.		
Services clerk and stenographer	$500 00	
Total expenditures		500 00
Surplus of credit		$100 00
Balance to surplus, 1904		100 00

MUNICIPAL TELEPHONE EXCHANGE A—VI (18).

Original Appropriation		$7,978 00
Rec'd from Collector Water Rents and Licenses for telephone.		104 50
" " Engineer Water Department " " .		868 00
" " Park Board " " .		253 28
" " Electrical Commission " " .		146 66
Total credits		$9,350 44

EXPENDITURES.

Maryland Telephone and Telegraph Co. service....	$5,220 19	
C. & P. Telephone Co. service.....	3,626 71	
Total expenditures		8,846 90
Surplus of credit		$503 54
Balance to surplus, 1904		503 54

CAR TICKETS A—VI (18).

Balance from 1903	$ 189 00	
United Railway and Electric Co. tickets, 1904.....	6,500 00	
		$6,689 00

DISTRIBUTION.

Inspector of Buildings	$ 870 00	
Health Department	760 00	
Electrical Commission	600 00	
Street Cleaning Department	480 00	
Free Bath Commission	70 00	
Engineer Water Department	1,552 50	
Superintendent of Lamps	60 00	
Park Board	240 00	
City Engineer's Department	1,098 00	
Topographical Survey	90 00	
Mayoralty	20 00	
Collector Water Rents and Licenses	70 00	
Quarantine	20 00	
Commissioners for Opening Streets	5 00	
Appeal Tax Court	95 00	
Supervisors of Elections	23 00	
Public School Department	134 50	
Harbor Board	10 00	
Dispensary service	20 00	
City Register's Department	5 00	
Supervisors of Charities	245 00	
Car tickets on hand January 1, 1905	221 00	
		$6,689 00

PRINTING CITY CAR TICKETS.

Original Appropriation, transferred from Contingent Fund..	$165 00
United Railway and Electric Company.....	165 00

COMMISSIONERS OF FINANCE A—VI (18).

Original Appropriation, transferred from Contingent Fund.. $1,436 52

EXPENDITURES.

Engraved certificates of stock and binding.....	$692 50	
Temporary clerk, making up stock books.....	50 00	
Advertising	14 02	
Wm. P. Twamley, compiling Ground Rent Book....	420 00	
Safe Deposit and Trust Co., rent of box.....	60 00	
Engrossing set Resolutions, late Wm. T. Dixon....	200 00	
Total expenditures		1,436 52

J. M. POPE A—VI (18).

Original Appropriation, transferred from Contingent Fund.. $1,500 00

For five years' use of Patent Computer in City Collector's Department, to December 31, 1904.....		1,500 00

POLICE DEPARTMENT A—VI (21).

Original Appropriation, salaries $984,908 00

EXPENDITURES.

Commissioner, George M. Upshur.....	$ 951 08	
" John T. Morris	951 08	
" Edwin H. Fowler	590 66	
" George R. Willis	1,548 92	
" James H. Preston	1,548 92	
" Thomas J. Shryock	1,827 45	
Secretary, Josiah A. Kinsey.....	2,000 00	
Assistant Secretary, Robert G. Claypoole.....	1,200 00	
Counsel, Alonzo L. Miles	2,000 00	
Marshal, Thomas F. Farnan.....	2,500 00	
Deputy Marshal, James Manning	2,000 00	
Clerk to Marshal, John Swikert	1,300 00	
Police Physician, John S. Bishop	389 78	
" " John T. McCarthy	389 78	
" " Pinkney L. Davis	620 96	
" " Wirt L. Duvall	987 90	
" " J. C. Robertson	655 89	
" " J. D. Norris	610 20	
" " A. H. Whitridge	610 20	
" " H. Lee Smith	379 02	
9 Captains.....at $30 00 per week.....	14,580 00	
19 Lieutenants.....at 25 00 "	25,650 00	
25 Detectives.....at 23 00 "	31,003 29	
16 Round Sergeants.....at 23 00 "	19,862 14	
110 Squad Sergeants.....at 20 00 "	129,279 92	
700 Patrolmen.....at 18 00 "	679,573 96	
16 Turnkeys .....at 18 00 "	15,552 00	
8 Station-house Clerks at 18 00 "	7,770 86	
50 Probation Officers....at 12 00 "	31,671 09	
1 Supt. of Matrons.....at 15 00 "	780 00	
16 Matrons and Subs....at 12 00 "	11,474 29	
Total	$990,259 39	
Less deficit for 1904	5,351 39	
Net expenditures		$984,908 00

Original Appropriation, expenses		$74,143 00

EXPENDITURES.

For expenses:

Gas and electric lighting		$4,160 89	
Rental of gas governors		81 00	
Badges, numbers, etc		45 60	
Ice		339 65	
Fuel		4,164 45	
Stationery and printing		2,700 01	
Advertising		503 37	
Revolvers and ammunition		32 50	
Electrical supplies, work, etc		12,154 21	
Clubs, belts and holsters		22 50	
Station-house supplies, cleaning, etc		5,000 63	
Rental of stables		994 58	
Horses		2,005 00	
Harness and wagons		2,515 08	
Hostlers		5,451 00	
Miscellaneous stable expenses		1,111 72	
Shoeing of horses		2,697 25	
Feed		11,137 69	
Meals for prisoners, etc		1,267 69	
Incidental expenses, headquarters		4,257 93	
Rental of telephones		1,920 13	
Bicycles and maintenance		75	
Repairs to station-houses		3,962 66	
Police Patrol Boat:			
Repairs, etc	$2,720 86		
Supplies	1,182 20		
Engineers and firemen	3,563 36		
Insurance	150 00		
		7,616 42	
Total expenditures			74,142 71
Surplus of credit			$ 29
Balance to surplus, 1904			29

POLICE EXAMINERS A—VI (21).

Original Appropriation, salaries	$4,800 00

EXPENDITURES.

Salaries to December 1, 1904:

Police Examiner, John Hannibal	$1,200 00	
" " John Y. Bratton	1,200 00	
" " Chas. H. Linville	606 45	
" " Edw. W. Tudor	593 55	
Secretary to Police Examiners, Henry Fenge	506 45	
" " " W. W. Dix	538 70	
Total expenditures		4,645 15
Surplus of credit		$154 85
Balance to surplus, 1904		154 85

Original Appropriation, expenses		$682 00
EXPENDITURES.		
Printing and stationery	$182 50	
Typewriter	57 50	
Telephone	28 38	
Typewriter supplies	2 75	
" repairs	8 00	
City directory	6 00	
Assistance	9 50	
Total expenditures		294 63
Surplus of credit		$387 37
Balance to surplus, 1904		387 37

PENSIONERS.

Original Appropriation		$15,823 00
Unexpended balance of Police Department salaries, amount brought forward from 1903, as per Act of General Assembly of Maryland		6,580 42
Total credits		$22,403 42

EXPENDITURES.

Retired officers of the Police Department:

Northern District	$1,024 24	
Eastern "	3,540 32	
Northeastern "	4,145 68	
Central "	5,018 16	
Western "	3,137 28	
Northwestern "	2,514 46	
Southern "	4,792 64	
Southwestern "	2,227 28	
Headquarters	447 68	
	$26,847 74	
Paid by Police Department	4,444 32	
Paid by City		$22,403 42

The above covers but four months, the balance of year being paid by the Police Department out of their own funds, and over which the City has no control, it being a State institution, the City being responsible for its expenses and any deficiency in pension fund.

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund		$2,910 75
EXPENDITURES.		
Board of Officers from New York, Philadelphia, Washington and Harrisburg	$ 800 75	
Per diem of officers from New York, Philadephia, Washington and Harrisburg	2,110 00	
Total expenditures		2,910 75

FIRE DEPARTMENT A—VI (22).

Original Appropriation, salaries		$407,760 00
EXPENDITURES.		
Commissioner, George W. Gail, Jr.	$1,000 00	
" Edward M. Parrish	1,000 00	
" A. Roszel Cathcart	1,000 00	
Secretary and Clerk, Pinkney W. Wilkinson	1,500 00	
Assistant Clerk, Walter E. Hill	900 00	
Chief Engineer, George W. Horton	2,500 00	
District Engineer, James A. Campbell	1,400 00	
" " August Emrich	1,400 00	
" " Frederick Branan	1,400 00	
" " Fielding H. Lucas	1,400 00	
" " Levin H. Burkhardt	1,400 00	
" " E. Louis Shipley	1,400 00	
Superintendent of Machinery, Thomas Meushaw	1,400 00	
Supt. Fire Alarm Telegraph, James B. Yeakle	1,800 00	
No. 1 Engine Company	10,299 19	
" 2 " "	10,590 91	
" 3 " "	10,296 41	
" 4 " "	11,100 06	
" 5 " "	9,792 71	
" 6 " "	10,598 58	
" 7 " "	10,298 48	
" 8 " "	9,794 04	
" 9 " "	10,296 84	
" 10 " "	10,296 46	
" 11 " "	10,299 06	
" 12 " "	9,782 62	
" 13 " "	10,292 30	
" 14 " "	9,798 88	
" 15 " "	20,587 75	
" 16 " "	11,499 14	
" 17 " "	10,579 23	
" 18 " "	10,593 82	
" 19 " "	10,596 68	
" 20 " "	10,597 90	
" 21 " "	10,575 31	
" 22 " "	10,591 18	
" 23 " "	10,591 33	
" 24 " "	10,596 55	
" 25 " "	10,595 52	
" 1 Hook and Ladder Company	10,096 50	
" 2 " " " "	10,095 24	
" 3 " " " "	10,401 13	
" 4 " " " "	10,895 38	
" 5 " " " "	10,399 15	
" 6 " " " "	10,394 60	
" 7 " " " "	4,599 77	
" 8 " " " "	4,598 47	
" 9 " " " "	4,101 25	
" 10 " " " "	10,388 42	
" 11 " " " "	10,891 32	
" 12 " " " "	2,452 62	
" 1 Chemical Engine Company	2,499 54	
" 2 " " "	1,250 08	
" 3 " " "	1,250 19	
Fire Alarm Telegraph Department	12,748 89	
Total expenditures		407,503 50
Surplus of credit		$256 50
Balance to surplus, 1904		256 50

Original Appropriation, expenses		$114,410 00

EXPENDITURES.

Apparatus	$ 6,127 79	
" repairs	6,435 14	
Accidents	2,619 40	
Feed	19,301 73	
Fuel	9,498 10	
Furniture	1,656 66	
Harness	1,205 45	
Horseshoeing	5,920 73	
Hose	3,975 00	
Horses	4,287 50	
Wharf rent	600 00	
Gas and electricity	1,974 20	
Office expenses	611 37	
Life insurance	4,360 50	
Miscellaneous	12,617 89	
Washing	3,424 75	
Pensioners	11,536 09	
Sick	5,836 32	
Fire Alarm Telegraph	6,410 04	
Storeroom	4,031 34	
Fire alarm boxes	1,980 00	
Total expenditures		114,410 00

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund		$67,147 07

EXPENDITURES.

Apparatus	$17,393 07	
" repairs	791 72	
Fuel	1,098 21	
Feed	156 45	
Harness	41 15	
Hose	42,297 08	
Office expenses	106 21	
Miscellaneous	2,407 77	
Fire Alarm Telegraph	2,855 41	
		$67,147 07

REVENUE.

Manure	$333 25	
Hose	637 87	
Services of linemen	640 18	
Metals	387 62	
Horses	779 50	
Fire alarm service	45 00	
Miscellaneous	32 11	
Total receipts		$2,855 53
Balance to Treasury		2,855 53

WATER FOR FIRE PLUGS AT CARROLL A—VI (22).

Original Appropriation		$450 00
EXPENDITURES.		
Baltimore County Water and Electric Co., 18 plugs 1 year	$450 00	
		$450 00

COMPLETION ENGINE AND TRUCK HOUSE A—VI (22).

Original Appropriation		$4,156 13
M. C. Davis, carpenter work, Engine House No. 25		4,156 13

LOT AND BUILDING No. 5 TRUCK HOUSE A—VI (22).

Original Appropriation		$25,000 00
EXPENDITURES.		
Purchase of lot	$4,415 02	
Examining title	50 00	
Recording Deed	2 75	
Advertising for proposals	108 24	
Total expenditures		4,576 01
		$20,423 99
Surplus of credits		20,423 99
Balance carried forward to 1905		

LOT AND BUILDING NEW ENGINE HOUSE (Vicinity Garrison Ave. and Liberty Road).

Original Appropriation	$17,000 00
Balance carried forward to 1905	17,000 00

LOT AND BUILDING ENGINE HOUSE No. 24 A—VI (22).

Amount brought forward from 1903		$15,484 53
EXPENDITURES.		
C. L. Stockhausen, on account of building	$15,143 00	
P. Flannigan & Co., building sewer	341 53	
Total expenditures		15,484 53

LOT AND BUILDING No. 25 ENGINE HOUSE A—VI (22).

Amount brought forward from 1903		$3,779 97
EXPENDITURES.		
M. C. Davis, Contractor, on account of building	$3,335 98	
B. T. Fendall, paving	57 11	
G. J. Roche & Son, painting	283 36	
G. W. Walther & Co., for tablet	103 52	
		3,779 97

BUILDING ENGINE HOUSE No. 22.

Amount brought forward form 1903	$1,000 00
Balance paid C. Sheehan & Son (amount retained on contract)	1,000 00

CRIMINAL COURT A—VI (23).

Original Appropriation, salaries		$13,500 00

EXPENDITURES.

Salaries to December 1, 1904:

Bailiff, L. V. White	$1,500 00	
" Herman Schapiro	1,500 00	
" Francis A. Elphring	125 00	
" Geo. J. Kaufman	125 00	
" Oscar Cruse	1,500 00	
" John T. Barber	1,250 00	
" J. L. D. Kearney	1,250 00	
" Levy Abrahams	1,250 00	
" Chas. B. Riley	1,375 00	
" John McNeill	125 00	
" Chas. E. Grogan	1,375 00	
" Steven T. Mason	125 00	
" Wm. M. Conway	125 00	
" Chas. S. Eccleston	130 00	
Stenographer, Jacob Solomon	1,500 00	
Total expenditures		13,255 00
Surplus of credit		$245 00
Balance to surplus, 1904		245 00
Original Appropriation, expenses		$72,900 00
Transferred from Contingent Fund		149 71
Railroad fare returned		34 10
Total credits		$73,083 81

EXPENDITURES.

Grand jurors	$ 7,414 50	
Petit jurors	9,618 00	
Clerk's fees	14,783 35	
Sheriff's fees	18,125 29	
State's Attorney	17,480 00	
Meals for jurors	274 70	
Stationery	15 29	
City directories	12 00	
Stenographers	893 60	
Witnesses	571 70	
Transportation	99 60	
Interpreter	88 30	
Attorneys for prisoners	850 00	
Expert testimony	341 50	
Printing	239 75	
Habitual drunkards	1,600 00	
Max Ways, Clerk	545 25	
Detective agency	12 00	
Photograph supplies	82 50	
Total expenditures		73,047 33
Surplus of credit		$36 48
Balance to surplus, 1904		36 48

BALTIMORE CITY COURT A—VI (23).

Original Appropriation, salaries		$7,000 00

EXPENDITURES.

Salaries to December 1, 1904:

Bailiff, George B. Ely	$ 500 00	
" James Howard	1,250 00	
" Richard J. Penn	1,375 00	
" Charles F. Pearce	1,375 00	
" Joseph E. Quinn	1,250 00	
" John A. White	1,250 00	
Total expenditures		7,000 00

Original Appropriation, expenses		$15,718 75

EXPENDITURES.

Clerk's fees	$1,694 25	
Sheriff's fees	701 60	
Habeas corpus cases	214 45	
Stenographer, J. J. Linney	2,130 00	
Stationery	280 80	
City directories	18 00	
Jurors	9,156 00	
Total expenditures		14,195 10
Surplus of credit		$1,523 65
Balance to surplus, 1904		1,523 65

COURT OF COMMON PLEAS A—VI (23).

Original Appropriation, salaries		$8,000 00

EXPENDITURES.

Salaries to December 1, 1904:

Bailiff, F. A. Elphring	$1,375 00	
" Geo. J. Kauffman	1,375 00	
" Chas. Grogan	125 00	
" Levy Abrahams	250 00	
" Chas. B. Reilly	125 00	
" Chas. F. Peace	125 00	
" Jos. E. Quinn	250 00	
" John A. White	250 00	
" S. M. Crane	875 00	
" Geo. B. Ely	375 00	
" Richard J. Penn	125 00	
" James Howard	250 00	
Stenographer, Jno. C. Davis	1,500 00	
Watchman, Simon V. Cullen	1,000 00	
Total expenditures		8,000 00

Original Appropriation, expenses		$13,746 25
EXPENDITURES.		
Clerk's fees, restoring names stricken from Registration Lists	$974 20	
Habeas corpus	436 05	
Stationery	175 81	
Stenographer for Judge-at-Large	390 00	
Sheriff's fees	482 40	
Postage	14 60	
Jurors	6,429 00	
Total expenditures		8,902 06
Surplus of credit		$4,844 19
Balance to surplus, 1904		4,844 19

SUPERIOR COURT A—VI (23).

Original Appropriation, salaries		$7,420 00
EXPENDITURES.		
Salaries to December 1, 1904:		
Bailiff, Jos. L. D. Kearney	$ 250 00	
" John T. Barber	250 00	
" Noble Pennington	1,500 00	
" Chas. S. Eggleston	1,370 00	
" John McNeill	500 00	
" James E. Callahan	875 00	
" Stephen M. Crane	500 00	
" George B. Ely	500 00	
Stenographer, Grayson W. Sharretts	1,500 00	
Janitor, James Callahan	175 00	
Total expenditures		7,420 00
Original Appropriation, expenses		$12,767 90
EXPENDITURES.		
Clerk's fees	$1,086 35	
Sheriff's fees	468 40	
Stenographer	790 00	
Jurors	6,448 00	
Total expenditures		8,792 75
Surplus of credit		$3,975 15
Balance to surplus, 1904		3,975 15

CIRCUIT COURT A—VI (23).

Original Appropriation, salaries		$3,900 00
EXPENDITURES.		
Salaries to December 1, 1904:		
Bailiff, Wm. S. Norris	$ 125 00	
" Geo. W. Golden	125 00	
" Wm. M. Conway	1,375 00	
" Stevens T. Mason	750 00	
" Jos. C. Briscoe	625 00	
Watchman, Henry C. Schumacher	900 00	
Total expenditures		3,900 00

Original Appropriation, expenses		$600 00
EXPENDITURES.		
Clerk's fees	$73 25	
Stationery	40 92	
Stamped envelopes	11 75	
Total expenditures		125 92
Surplus of credit		$474 08
Balance to surplus, 1904		474 08

CIRCUIT COURT No. 2 A—VI (23).

Original Appropriation, salaries		$3,900 00
EXPENDITURES.		
Salaries to December 1, 1904:		
Bailiff, Stephen M. Crane	$ 125 00	
" George B. Ely	125 00	
" George W. Golden	1,375 00	
" Wm. S. Norris	1,375 00	
Watchman, J. H. Hand	900 00	
Total expenditures		3,900 00
Original Appropriation, expenses		$400 00
EXPENDITURES.		
Stationery	$ 71 10	
Recording minutes of Court	182 80	
Process to Counties	25 00	
Total expenditures		278 90
Surplus of credit		$121 10
Balance to surplus, 1904		121 10

ORPHANS' COURT A—VI (23).

Original Appropriation, salaries		$10,016 00
EXPENDITURES.		
Judge, Myer J. Block	$2,808 00	
" Wm. J. O'Brien	2,808 00	
" Harry C. Gaither	2,808 00	
Bailiff, Joseph R. Knight	1,560 00	
Total expenditures		9,984 00
Surplus of credit		$32 00
Balance to surplus, 1904		32 00
Original Appropriation, expenses		$50 00
EXPENDITURES.		
Towel service	$14 13	
Stationery	5 00	
Water	20 40	
Total expenditures		39 53
Surplus of credit		$10 47
Balance to surplus, 1904		10 47

JUVENILE COURT A—VI (23).

Original Appropriation, salary		$2,100 00
Transferred from Contingent Fund		156 00
Total credits		$2,256 00

EXPENDITURES.

Judge, Chas. W. Heuisler	$2,100 00	
Morrell N. Packard, substitute	156 00	
Total expenditures		2,256 00

Original Appropriation, expenses		$896 00

EXPENDITURES.

Clerk, Maud S. Shriver	$720 00	
Postage	31 00	
Subscription to *Daily Record*	5 00	
City directory	6 00	
Stationery	27 80	
Transportation of children to institutions	3 20	
Call bell	1 00	
Docket	12 00	
Telephone	90 00	
Total expenditures		896 00

SUPREME BENCH A—VI (23).

Original Appropriation, salaries		$4,500 00

EXPENDITURES.

Judge, Henry D. Harlan, salary to Dec. 1, 1904	$ 500 00	
" J. Upshur Dennis, " " "	500 00	
" Chas. E. Phelps, " " "	500 00	
" D. Giraud Wright, " " "	500 00	
" John J. Dobler, " " "	500 00	
" Henry Stockbridge, " " "	500 00	
" George M. Sharp, " " "	500 00	
" Pere L. Wickes, " " "	500 00	
" Thomas S. Baer, " " "	416 67	
Total expenditures		4,416 67
Surplus of credit		$83 33
Balance to surplus, 1904		83 33

Original Appropriation, expenses		$630 00

EXPENDITURES.

Stationery, binding, etc	$279 35	
Hauling Records (February 7, 1904)	15 00	
Lists of taxpayers for jurors	250 00	
Directory	6 00	
Total expenditures		550 35
Surplus of credit		$79 65
Balance to surplus, 1904		79 65

MAGISTRATES A—VI (23).

Original Appropriation		$19,900 00
EXPENDITURES.		
Police Magistrate, Wm. J. Garland	$ 869 26	
" " John T. Ross	875 00	
" " James W. Lewis	840 50	
" " J. McKenny White	2,031 01	
" " Harry M. Hutton	525 00	
" " Fleet W. Cox	694 35	
" " James G. Leake	539 37	
" " Wm. J. Robertson	875 00	
" " Dan'l J. Loden	2,071 25	
" " James A. Fechtig, Jr.	840 51	
" " John T. Ochs	570 00	
" " Ward P. Littig	192 25	
" " Neilson Poe	1,400 00	
" " Adolph Sauber	875 00	
" " Robert W. Beach	694 35	
" " John B. Keplinger	694 35	
" " Harry Goldman	688 60	
" " Morrill N. Packard	694 35	
" " C. Charles Friedel	525 00	
" " Eugene E. Grannan	1,219 35	
" " Robert H. Carr	746 00	
Substitute Magistrates, owing to sickness, vacation, or absence of the regular Magistrates	738 26	
Total expenditures		19,198 76
Surplus of credit		$701 24
Balance to surplus, 1904		701 24

FINES A—VI (23).

By Central Station Police Magistrates		$ 341 00
" Western " " "		285 00
" Northwestern " " "		326 00
" Northeastern " " "		363 00
" Southern " " "		577 00
" Southwestern " " "		296 00
" Eastern " " "		354 00
" Northern " " "		217 00
" At-Large Police Magistrates		205 00
" Sheriff		3,526 42
" Substitute Police Magistrates		31 00
To amount remitted by Mayor	$ 251 00	
" net revenue	6,270 42	
	$6,521 42	$6,521 42

REMOVED CASES A—VI (23).

Balance from 1903		$1,827 52
Removed from	*Case*	
Baltimore County	Laura Baumgartner *vs.* Eigenbrot, *et al.*	112 98
" "	Oldenberg & Kelly *vs.* Matilda L. White	51 21
Anne Arundel "	S. W. Townsend, Jr., *vs.* County Com'rs	102 42
		$2,094 13
Amount to City Treasury		2,094 13

HEALTH DEPARTMENT A—VI (24).

Original Appropriation, salaries $59,116 75

EXPENDITURES.

Salaries to December 15, 1904:

Commissioner of Health, Jas. Bosley, M.D.....	$3,500 00	
Asst. " " " C. H. Jones, M.D.....	2,000 00	
Secretary, J. W. M. Kiger	1,562 50	
Asst. " Arthur D. Thompson.....	1,125 00	
Permit Clerk, Harry C. Andrews	1,041 62	
Registrar's Clerk, John H. Uhlenberg, 3 months....	225 00	
" " J. E. Silcott, 3 months.....	225 00	
" " G. C. Wedderburn, 6½ months...	487 50	
Laboratory Clerk, John A. Campbell.....	937 50	
Index Clerk, Chas. A. Wall, Jr.....	937 50	
" " Geo. C. Wedderburn, 6 months.....	450 00	
" " W. E. Woodall, 6½ months.....	487 50	
Nuisance Clerk, Francis S. Jenkins.....	937 50	
Inspector of Throats, Dr. W. P. Stubbs.....	833 25	
Medical Examiner, Dr. N. G. Keirle.....	1,562 50	
Asst. " " Dr. B. P. Muse.....	520 75	
Inspector of Bakeries, R. L. Weber.....	937 50	
" Dairies, Geo. F. Schultz	937 50	
Driver of Funeral Wagon, A. Ritmiller, 7½ months.	450 00	
" " " " J. M. DeGoey, 5 months.	300 00	
" " " " E. F. Kelly.....	750 00	
Disinfector, Thos. E. Morse, 5 months 25 days.....	385 98	
" Geo. W. Phillips.....	833 25	
" Chas. Busick, 6½ months.....	433 29	
" H. Rush, 6 days	12 90	
Inspector of Plumbing, J. C. Mitchell, 1 month....	100 00	
" " " W. H. Mitchell, 11½ mos...	1,150 00	
Asst. " " " John Ward	937 50	
" " " " C. I. Putts, Jr.....	937 50	
Inspector of Drainage, F. A. Ebberts.....	937 50	
Superintendent of Morgue, P. R. Glynn.....	937 50	
Complaint Clerk, W. E. Woodall.....	332 22	
Commissioner's Clerk, E. Goldberg.....	833 25	
Chemist, Gustav W. Lehman	1,562 50	
Bacteriologist, Wm. R. Stokes, M.D.....	1,562 50	
Inspector of Food, W. B. Roth.....	937 50	
" " " Chas. Knell	937 50	
" " " H. G. Wilson.....	937 50	
" " " E. C. Cooper	937 50	
" " " G. J. Fischer	937 50	
Laboratory Assistant, John Johns.....	437 50	
" " J. B. Weilage.....	187 50	
" " George Karl, 4½ months....	67 50	
" " George Raymond, 2 months..	30 00	
" " W. Lee, 6 months.....	90 00	
" " Grover Benser, 9 months....	144 00	
" " Leonard Campbell, 3½ mos..	56 00	
Telephone Operator, Jas. Batchen.....	150 00	
Stenographer, Miss Amanda Duff, ½ month.....	30 00	
Complaint Clerk, J. E. Silcott, 6½ months.....	487 50	
Health Warden, 1st Ward, Dr. J. W. Williams.....	900 00	
" " 2d " Dr. H. E. Laroque.....	900 00	
" " 3d " Dr. J. Rosett	900 00	
Amounts carried forward	$40,231 51	$59,116 75

Amounts brought forward	$40,231 51	$59,116 75
Health Warden, 4th Ward, Dr. Thos. H. Sudler, 5 mos.	375 00	
" " 4th " Dr. H. K. Gorsuch, 7 mos.	525 00	
" " 5th " Dr. J. E. Heard	900 00	
" " 6th " Dr. J. T. Spicknall	900 00	
" " 7th " Dr. A. S. Gage	866 13	
" " 8th " Dr. J. W. France	900 00	
" " 9th " Dr. C. T. Buckner	900 00	
" " 10th " Dr. E. H. Hayward	900 00	
" " 11th " Dr. Claude Van Bibber	900 00	
" " 12th " Dr. T. L. Richardson	900 00	
" " 13th " Dr. D. S. Williams	900 00	
" " 14th " Dr. A. G. Barrett, 5 m. 15 d.	413 71	
" " 14th " Dr. Wm. Caspari, 6 m. 16 d.	486 29	
" " 15th " Dr. J. L. Ridgely	900 00	
" " 16th " Dr. M. K. Warner, 7 mos.	525 00	
" " 16th " Dr. Geo. B. Scholl, 5 mos.	375 00	
" " 17th " Dr. H. D. Lewis, 4 mos.	300 00	
" " 17th " Dr. G. W. Hemmerter, 8 m.	600 00	
" " 18th " Dr. R. A. Warner	900 00	
" " 19th " Dr. M. G. Smith	900 00	
" " 20th " Dr. H. J. Hahn	900 00	
" " 21st " Dr. A. D. Driscoll	883 06	
" " 22d " Dr. A. T. Chambers	900 00	
" " 23d " Dr. H. L. Franks, 4 mos.	300 00	
" " 23d " Dr. C. P. Erkenbrack, 8 m.	600 00	
" " 24th " Dr. L. J. Turlington	900 00	
Total expenditures		59,080 70
Surplus of credit		$36 05
Balance to surplus, 1904		36 05
Original Appropriation, expenses		$13,854 00
Transferred from Contingent Fund		10,675 00
Total credits		$24,529 00

EXPENDITURES.

Livery, hiring and repair of wagons	$ 1,536 74	
Care of small-pox and suspects	10,976 71	
Publishing annual report	2,076 95	
Ice and incidentals for Morgue	477 34	
Laboratory supplies	924 20	
Disinfectants	1,005 14	
Vaccine virus	1,000 00	
Postage	1,027 07	
Anti-toxin	2,091 25	
Fumigation	575 54	
Car fare	650 00	
Advertising	192 21	
Subscriptions to journals, etc	67 56	
Coffins for pauper dead	69 50	
Miscellaneous expenditures	1,152 29	
Care of City patients	10 00	
Typewriters	175 00	
Wagons for disinfection	191 50	
Rent, 315 North Street, detention house	330 00	
Total expenditures		24,529 00

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund		$1,200 00

EXPENDITURES.

Assistant to Inspector of Plumbing, M. E. Horn	$675 00	
" " " " " John Grady	44 76	
" " " " " T. S. Griffin	375 00	
" " " " " J. H. Pumphrey	37 50	
Clerk " " " " W. E. Woodall	67 74	
Total expenditures		1,200 00

QUARANTINE STATION A—VI (24).

Original Appropriation		$11,901 05
Wages returned, paid in error		12 00
Total credits		$11,913 05

EXPENDITURES.

Salaries to December 15, 1904:		
Asst. Commissioner of Health, Dr. S. O. Heiskell	$3,000 00	
" Quarantine Physician, Dr. T. W. Clark	1,912 50	
Captain No. 1, James C. Evans	812 50	
Engineer No. 1, John Crawford	750 00	
" No. 2, John Kellner	750 00	
Captain No. 2, W. T. Green	750 00	
Fireman, Thomas Gilden	625 00	
" Bernard McMahon	625 00	
Messenger, George M. Streeper	625 00	
Gardener, J. L. Matthu	625 00	
Nurse, W. T. Armacost	625 00	
Laborer, John Sloan	62 50	
Cook, Sarah Smith	250 00	
Laundress, Annie Potter	187 50	
Extra Nurse, Laura Dobson	228 00	
" " Robert Cook	10 00	
Total expenditures		11,838 00
Surplus of credit		$75 05
Balance to surplus, 1904		75 05

QUARANTINE STATION.

Original Appropriation, expenses		$6,200 00
Transferred from Contingent Fund for Ice Plow		200 00
Total appropriation		$6,400 00

EXPENDITURES.

Ice plow	$ 200 00	
Market supplies	1,117 45	
Groceries	873 74	
General supplies	296 59	
Feed	293 10	
Coal for buildings	505 16	
" " Hygeia	630 87	
Ice	1 20	
Disinfectants and fumigation	354 00	
Farm implements, fertilizers and seeds	197 95	
Hospital supplies	33 40	
Supplies for Hygeia	346 52	
Car fare	30 00	
Hire of extra boat	150 00	
Gasoline and oil for launch	277 15	
Repairs to boats	1,032 78	
Bedding and dry goods	60 09	
Total expenditures		6,400 00

CORONERS A—VI (24).

Original Appropriation		$10,000 00

EXPENDITURES.

Central District,	Patrick F. Martin, M.D.	$ 750 00
" "	Thos. Sudler, M.D.	244 54
Northern "	Wm. W. Requardt, M.D.	500 00
" "	G. Milton Linthicum, M.D.	494 54
Eastern "	Wm. T. Riley, M.D.	500 00
" "	Benj. S. Hayden, M.D.	494 54
Southern "	Otto M. Reinhardt, M.D.	1,000 00
Western "	Jno. C. Wiltshire, M.D.	1,000 00
Northeastern "	Jno. H. Scally, M.D.	223 12
" "	Fred'k Carruthers, M.D.	494 54
Northwestern "	Silas Baldwin, M.D.	1,000 00
Southwestern "	C. Frank Jones, M.D.	1,000 00
At-large,	Jose L. Hirsh, M.D.	500 00
"	J. D. Iglehardt, M.D.	494 54
Total expenditures		8,695 82
Surplus of credit		$1,304 18
Balance to surplus, 1904		1,304 18

QUARANTINE RECEIPTS, 1904.

Tonnage Tax.

January	$ 993 35
February	1,004 64
March	605 10
April	917 65
May	961 29
June	1,342 95
July	1,235 49
August	1,098 71
September	1,251 39
October	1,335 73
November	1,281 58
December	923 36
Balance to City Treasury	$12,951 24

HEALTH DEPARTMENT—REVENUE.

Received for birth and death transcripts during the year 1904.	$538 00
Balance paid into the City	538 00

FURNISHING BARRACKS AT QUARANTINE A—VI (24).

Original Appropriation transferred from Contingent Fund..	$1,500 00

EXPENDITURES.

Bedsteads	$242 37
Beds and mattresses	263 67
Bedding, dry goods, etc.	360 59
Oil cloth, linoleum	13 54
Tables and benches	115 50
Crockeryware, lamps, etc.	333 33
Fly screens	117 00
Chairs	54 00
Total expenditures	1,500 00

BARRACKS AT QUARANTINE A—VI (24).

Balance brought forward from 1903		$2,144 93
EXPENDITURES.		
Completion of building	$1,357 15	
Balance due contractor	60 78	
Plumbing	232 00	
Heating apparatus, etc	495 00	
Total expenditures		2,144 93

INSPECTOR OF BUILDINGS A—VI (25).

Original Appropriation, salaries		$28,020 84
EXPENDITURES.		
Salaries to December 15, 1904:		
Inspector of Buildings, E. D. Preston	$3,000 00	
Ass't " " " H. C. Shelley	1,382 95	
Inspector of City Property, J. S. Busick	1,458 25	
Ass't " " " " Edw. Whiting	1,150 00	
District Inspector, R. H. Cornthwaite	1,250 00	
" " Jos. Degenhardt	1,250 00	
" " J. T. Newnan	100 00	
" " J. W. Collins	100 00	
" " Edw. W. Gorman	100 00	
" " Wm. M. Curran	100 00	
" " Geo. A. Houck	1,250 00	
" " W. H. Schulz	1,250 00	
" " Jas. J. Byrne	1,250 00	
Electrical " Wm. Clarke	1,875 00	
" " Clarence Ransom	1,750 00	
" " L. L. Kingsbury	1,580 60	
Furnace " Jas. W. McCuen	1,250 00	
Chief Clerk, Albert W. Cooper	1,250 00	
Ass't " Elmer Altreith	1,041 65	
Permit " J. F. O'Mailey	1,150 00	
Permit " Henry Allnutt	1,000 00	
Clerk, Wm. J. McDonnell	80 00	
Draftsman, Clifford Spedden	937 50	
Boiler Inspector, E. F. Baker	135 00	
District " Ignatius Burns	1,150 00	
" " Arthur L. Brown	1,150 00	
Total expenditures		27,990 95
Surplus of credit		$29 89
Balance to surplus, 1904		29 89

INCIDENTALS.

Original Appropriation		$400 00
Postage stamps	$100 00	
City directory	6 00	
Rubber stamps and paper punch	18 79	
Draftsmen's supplies	59 28	
Daily paper	7 83	
Blue prints	43 85	
Typewriting	37 50	
Fire directory	1 20	
Advertising special notices	62 11	
Repair typewriter	7 75	
Postal cards and special delivery stamps	11 88	
Electric lanterns	10 60	
New State Law	5 00	
Tags	5 00	
Material for electric testing	16 61	
Special keys for Department	6 60	
Total expenditures		400 00

REPAIRS TO CITY PROPERTY, CONSOLIDATED A—VI (25).

Original Appropriation		$152,730 08
National Building Supply Co., refund paid in error		78 50
Total credits		$152,808 58

EXPENDITURES.

City Hall	$10,780 43	
City Hall Annex	1,310 94	
City Jail	3,356 53	
Court House	15,247 11	
Morgue	50	
Quarantine	2,428 53	
5th Regiment Armory	7 50	
Shed Bowly's Wharf	4 32	
Miscellaneous	781 33	
Administration Building	2,443 55	
City College	787 57	
Eastern Female High School	1,112 37	
Western " " "	4,404 00	
Polytechnic Institute	4,007 01	
Colored High and Training School	1,880 09	
School No. 1	465 26	
" " 2	163 96	
" " 3	424 91	
" " 4	501 71	
" " 5	1,086 54	
" " 6	319 18	
" " 7	384 60	
" " 8	584 42	
" " 9	352 16	
" " 10	18 10	
" " 11	1,642 08	
" " 12	240 36	
" " 13	1,626 27	
Amounts carried forward	$56,361 33	$152,808 58

Amounts brought forward	$56,361 33	$152,808 58	
School No. 14	906 62		
" " 15	7,733 61		
" " 16	707 64		
" " 17	226 02		
" " 19	177 79		
" " 20	2,449 23		
" " 21	840 79		
" " 22	571 55		
" " 23	1,063 97		
" " 24	268 39		
" " 25	451 67		
" " 26	370 45		
" " 27	518 16		
" " 28	344 89		
" " 29	277 30		
" " 30	299 25		
" " 31	482 02		
" " 32	509 59		
" " 33	355 74		
" " 34	383 44		
" " 35	1,214 87		
" " 36	400 00		
" " 37	121 77		
" " 38	117 78		
" " 39	471 51		
" " 42	432 70		
" " 43	746 89		
" " 44	297 07		
" " 45	518 94		
" " 46	212 37		
" " 47	2,823 86		
" " 48	325 99		
" " 50	87 43		
" " 51	292 29		
" " 52	66 17		
" " 53	1,040 95		
" " 54	277 09		
" " 55	1,326 78		
" " 57	116 28		
" " 58	976 01		
" " 60	295 61		
" " 60 Annex	160 48		
" " 61	280 37		
" " 62	176 76		
" " 63	443 31		
" " 65	671 10		
" " 66	232 81		
" " 67	411 81		
" " 68	2,900 71		
" " 69	223 08		
" " 70	352 01		
" " 71	413 15		
" " 72	1,026 80		
" " 73	807 59		
" " 74	421 11		
" " 75	1,847 85		
" " 76	503 69		
Amounts carried forward	$98,334 44	$152,808 58	

Amounts brought forward	$98,334 44	$152,808 58
School No. 77	468 47	
" " 78	606 75	
" " 79	497 79	
" " 80	614 30	
" " 81	819 38	
" " 82	150 75	
" " 83	924 33	
" " 84	425 72	
" " 91	274 57	
" " 92	1,355 46	
" " 94	1,261 78	
" " 95	330 17	
" " 96	342 04	
" " 97	72 58	
" " 99	560 45	
" " 100	12 74	
" " 101	71 55	
" " 105	368 64	
" " 106	341 64	
" " 107	893 37	
" " 108	62 43	
" " 109	94 38	
" " 110	871 58	
" " 111	208 29	
" " 112	330 55	
" " 113	305 16	
" " 114	582 63	
" " 115	53 56	
" " 116	708 61	
New Colored School	273 36	

RENTED BUILDINGS.

School No. 10 Branch	85 62	
" " 10 "	78 84	
" " 50 "	9 60	
" " 51 "	145 43	
" " 59 "	68 70	
" " 64 "	51 93	
" " 90 "	173 79	
" " 93 "	2,048 10	
" " 97 "	394 13	
" " 103 "	385 83	
" " 103 "	152 88	
" " 111 "	107 00	
" " 114 "	214 84	
" " 114 "	5 00	
" " 115 "	24 71	
" " 118 "	181 05	
" " 49 "	88 14	
" " 56 "	113 50	
No. 1 Engine Company and No. 2 Hook and L. Co.	223 64	
" 2 " "	201 86	
" 3 " "	114 43	
" 4 " "	309 45	
" 5 " "	168 04	
" 6 " "	478 48	
" 7 " "	7,642 27	
" 8 " "	118 34	
Amounts carried forward	$125,803 07	$152,808 58

Amounts brought forward	$125,803 07	$152,808 58
No. 9 Engine Company	1,322 82	
" 10 " "	98 62	
" 11 " "	625 69	
" 12 " "	380 93	
" 13 " "	2,838 11	
" 14 " "	42 91	
" 15 " "	6,463 77	
" 16 " "	40 33	
" 17 " "	616 87	
" 18 " "	165 54	
" 19 " "	565 64	
" 20 " "	279 99	
" 21 " "	998 98	
" 22 " "	776 25	
" 23 " "	352 58	
" 24 " "	1,155 43	
" 25 " "	99 17	
" 1 Chemical "	76 05	
" 1 Hook and Ladder Company	169 08	
" 4 " " " "	354 25	
" 5 " " " "	113 49	
" 6 " " " "	891 72	
" 7 " " " "	162 67	
" 8 " " " "	143 91	
" 10 " " " "	886 02	
" 11 " " " "	949 10	
Temporary Engine House, Forest Park	358 43	
Belair Market	562 00	
Broadway "	2,578 93	
Canton "	148 55	
Cross St. "	790 29	
Hanover "	1,024 16	
Hollins "	33 94	
Lexington "	514 44	
Lafayette "	250 26	
N.-East'n "	104 47	
Richmond "	70 12	
Total expenditures	$152,808 58	$152,808 58

SANITARY AND OTHER IMPROVEMENTS A—VI (25).

Original Appropriation	$300 00

EXPENDITURES.

Polytechnic Institute, new rooms	$388 00
School No. 3, new entrances to teachers' room	224 00
" " 5, new entrance	95 00
" " 28, outside vestibule	169 75
" " 39, outside stairway	485 00
" " 55, three new vestibules, partition in hot-air room	754 90
School No. 58, partitions and cloak room	370 00
" " 68, new front entrance, stairway, hall floor, fences	445 97
School No. 73, new outside stairway, one new floor	310 00
" " 84, new vestibule, new entrances, boy's and girls' toilets	488 00
School No. 96, new vestibule	117 70
" " 107, flush closet complete, 2 new floors.	643 21
" " 116, new toilets	462 63

There were improvements made in the sanitary work at the following buildings:

School No. 1	$ 339 43
" " 3	156 00
" " 13	267 90
" " 15	237 81
" " 25	87 60
" " 26	54 00
" " 43	109 60
" " 47	37 53
" " 54	35 39
" " 55	997 51
" " 56	14 48
" " 58	1,539 19
" " 64	49 00
" " 71	25 00
" " 79	444 80
" " 82	75 00
" " 95	82 00
" " 100	210 00
" " 106	181 15
" " 107	414 00
" " 116	168 45
Total expenditures	10,480 00

EMPTYING CESS-POOLS A—VI (25).

Original Appropriation	$10,480 00

EXPENDITURES.

School No. 50	$ 8 00
" " 51	32 00
" " 51	8 00
" " 56	68 00
" " 58	40 00
" " 59	7 00
" " 64	41 00
" " 107	30 00
" " 111 Branch School	28 00
" " 115	24 00
No. 8 Hook and Ladder Company	14 00
Total expenditures	300 00

LIVERY AND TRANSPORTATION A—VI (25).

Original Appropriation		$900 00
EXPENDITURES.		
Car tickets	$870 00	
Carriage hire	30 00	
Total expenditures		900 00

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund $59,968 28

EXPENDITURES.

Name.	*Labor.*	*Material.*
Morrow Bros	$5,951 58	$1,476 24
J. Henry Miller & Son	1,304 57	356 03
B. McGuirk	3 32	.....
R. E. Lafferty	453 00	.....
H. H. Meyer	.....	509 21
F. H. Davidson	.....	11 90
Rullman and Wilson	1,095 63	96 60
Carlin & Fulton	.....	10 00
W. H. Rothrock & Co.	94 87	.....
J. P. McClean	.....	76 12
M. C. Davis	4,983 17	218 49
C. F. Miller & Son	2,285 45	253 63
Baltimore Contracting and Wrecking Co.	6,333 46	812 33
T. L. Jones & Son	1,551 69	2,625 37
J. L. Woolford	3 00	.....
P. Flanigan & Co	4,753 08	1,113 69
Central Transfer Company	.....	5 00
G. King & Son	.....	72 25
J. J. Walsh & Son	42 13	37 74
J. H. Peddicord	10 25	.....
C. M. Ellinger	13 30	1 00
G. E. Douglas	850 50	109 75
J. W. Ament	715 01	100 61
J. Lanahan	685 75	59 80
E. C. Hill	823 25	234 41
J. W. Collins	1,015 51	.....
W. J. McDonnell	761 63	.....
R. L. Cochran	751 29	.....
C. E. Stubbs	987 92	.....
Samuel B. Derr	987 92	.....
J. J. Purcell	963 79	.....
J. C. Fountain	31 50	.....
J. L. Woolford	22 50	.....
T. J. Gibbin	30 00	.....
G. T. Butterhoff	16 50	.....
E. F. Baker	1,557 00	.....
Otto Kubitz	1,190 00	.....
S. E. Stout	525 00	.....
Chas. S. Schafer	679 02	.....
John T. Shea	300 00	.....
Frank Wickham	300 00	.....
W. J. Hickey	487 50	.....
D. D. Sheesley	525 00	.....
Paul Rudin	340 00	.....
S. H. Harris	152 50	.....
C. H. Callis	491 94	.....
W. M. Curran	485 48	.....
Jos. E. Weirick	350 00	.....
Allen T. Talbott	350 00	.....
	$45,255 01	8,180 17
Total expenditures		53,435 18
Surplus of credit		$6,533 10
Balance to Burnt District Fund		6,533 10

COMMISSION TO REVISE BUILDING LAWS A—VI (25).

BURNT DISTRICT ACCOUNT.

Original Appropriation, transferred from Burnt Dist. Fund.		$5,000 00

EXPENDITURES.

Clerk, Francis H. Kelley, 13 days' services at $100 per month	$41 86	
Postage stamps	5 00	
Roll top desk, filing cabinet and stationery	121 80	
Total expenditures		168 66
Surplus of credit		$4,831 34
Balance carried forward to 1905		4,831 34

REMOVAL OF DANGEROUS WALLS A—VI (26).

Balance brought forward from 1903		$1,103 84
Front Street Theatre		1,859 28
Hotel Baltimore		362 50
821-823 McAleer's Court		134 50
825-833 " "		162 75
827-829-831 " "		252 75
		$3,875 62

Credit.

H. C. McCosker	$558 33	
Hotel Baltimore	362 50	
		920 83
Debit balance to 1905		$2,954 79

CUTTING WIRES A—VI (26).

Original Appropriation, from Contingent Fund		$290 12

EXPENDITURES.

M. T. Douty	$198 00	
Louis Nichols	56 37	
Arthur Hines	35 75	
Total expenditures		290 12

CONTINGENT FUND.

Original Appropriation $50,000 00

EXPENDITURES.

Transferred to interest on temporary loans.....	$ 583 33	
" " printing City car tickets.....	165 00	
" " J. P. Rock, refund water rent.....	8 07	
" " furnishing barracks at Quarantine.	1,500 00	
" " Law Department, salaries.....	2,245 14	
" " " " stenographer, typewriter, etc.....	140 34	
" " " " expenses	1,100 00	
" " Com'rs of Finance, expenses.....	1,436 52	
" " iceboats	5,320 00	
" " Health Department, expenses	10,675 00	
" " City Collector, expenses	375 00	
" " completion Consumptive Hospital..	2,676 00	
" " Supervisors of Elections, expenses.	500 00	
" " City Register, advertising	2,000 00	
" " street carts and men.....	8,120 43	
" " sweepers and scrapers	5,478 58	
" " tools, repairs, etc.....	293 03	
" " cleaning sewers and inlets.....	107 96	
" " Courthouse, expenses	481 00	
" " City Engineer, incidentals	599 38	
" " City Librarian, expenses	500 00	
" " insurance on City property.....	3,399 39	
" " Quarantine, expenses	200 00	
" " cutting wires	290 12	
" " J. M. Pope, use of computers.....	1,500 00	
" " Juvenile Court, salaries	156 00	
" " Criminal Court, expenses	149 71	
Total expenditures		50,000 00

CITY PATIENTS IN HOSPITALS A—VI (31).

Original Appropriation $64,000 00

EXPENDITURES.

City Hospital, 50c. per diem per patient.....	$17,276 14	
Hospital for Consumptives, 50c. per diem per patient	1,830 00	
Hospital for Crippled and Deformed Children, 50c. per diem per patient.....	3,378 00	
Maryland General Hospital, 50c. per diem per patient	10,781 00	
St. Agnes " " " " " "	4,227 00	
University of Md. " " " " " "	10,415 00	
St. Joseph's " " " " " "	9,195 50	
Homeopathic " " " " " "	4,199 50	
Total expenditures		61,302 14
Surplus of credit		$2,697 86
Balance to surplus, 1904.....		2,697 86

CARE OF INSANE A—VI (32).

Original Appropriation		$139,000 00
EXPENDITURES.		
Maryland Hospital for the Insane (Spring Grove Asylum), $150 per annum per patient	$44,669 57	
Springfield State Hospital for the Insane, $150 per annum per patient	56,601 92	
Mt. Hope Retreat, $150 per annum per patient	37,025 03	
Physicians' certificates	51 00	
Total expenditures		138,347 52
Surplus of credit		$652 48
Balance to surplus, 1904		652 48

BOARD OF INSANE (REVENUE).

Amount received for board of inmates in Hospitals for Insane	$11,987 84
Refund of Wm. H. Wills	122 92
	$11,864 92
Balance paid into City Treasury	11,864 92

DESTITUTE AND NEGLECTED CHILDREN A—VI (33).

Original Appropriation		$35,000 00
EXPENDITURES.		
St. Vincent's Infant Asylum, 20c. per diem each inmate	$6,222 00	
Nursery and Child's Hospital, 20c. per diem each inmate	3,349 40	
St. Elizabeth's Home, 20c. per diem each inmate	3,767 60	
St. Mary's Home, 20c. per diem each inmate	1,098 00	
Maryland Home for Friendless Colored Children, 20c. per diem each patient	1,122 20	
Home of the Friendless, 20c. per diem each patient	1,850 40	
St. Vincent's Male Orphan Asylum, 22c. per diem each patient	1,591 26	
St. Mary's Female Orphan Asylum, 24c. per diem each patient	8,942 64	
St. Joseph's House of Industry, 24c. per diem each patient	1,334 40	
Total expenditures		29,277 90
Surplus of credit		$5,722 10
Balance to surplus, 1904		5,722 10

SUPERVISORS OF CITY CHARITIES A—VI (34).

Original Appropriation, salaries, City office $7,229 17

EXPENDITURES.

Salaries to December 15, 1904:

Secretary, Nathaniel G. Grasty	$1,500 00	
Visitor-in-Chief, T. James Hunter	1,250 00	
Admit Clerk, George Schuster	1,041 67	
Clerk and Visitor, Mrs. Emily Duvall	937 50	
Visitor, Miss E. S. Walsh	677 50	
" Miss M. O. Simpson	620 00	
Clerk and Stenographer	750 00	
Extra clerical service	122 25	
Total expenditures		6,898 92
Surplus of credit		$330 25
Balance to surplus, 1904		330 25

SUPERVISORS OF CITY CHARITIES.

Original Appropriation, expenses, City office $1,000 00

EXPENDITURES.

Car tickets	$215 00	
Postage	160 00	
Railroad expenses	467 49	
Incidentals	84 26	
Printing annual report	26 00	
Total expenditures		952 75
Surplus of credit		$47 25
Balance to surplus, 1904		47 25

BAYVIEW ASYLUM A—VI (34).

Original Appropriation, for salaries $29,075 00

Wages returned 12 02

$29,087 02

Salaries to December 15, 1904:

Superintendent, L. F. Zinkhan		$ 800 00	
Supt. and Purveyor, Lamar Hollyday	Pur. $750 00		
	Supt. 800 00	1,550 00	
Clerk and Purveyor, D. E. Hammond	Clerk $516 67		
	Pur. 150 00	666 67	
Chief Engineer, Jas. J. Farrell		1,041 66	
Ass't " Wm. H. Stevens		937 50	
Clerk, W. T. Slothower		675 00	
" R. F. Williams		53 33	
Baker, C. C. Thomas		729 16	
Fireman, Wesley Rice		562 50	
Messenger, Thomas Connor		687 50	
Farmer, J. B. Hunter		600 00	
" J. N. Hofstetter		25 00	
Amounts carried forward		$8,328 32	$29,087 02

Amounts brought forward	$8,328 32	$29,087 02
Apothecary, A. W. McGlannan	750 00	
Chief Resident Physician, B. V. A., Wm. H. Smith	600 00	
" " " " S. W. Page	541 66	
Assistant Physicians, B. V. A., 11 Ass't Physicians	455 15	
Chief Resident Physician Insane, H. D. Purdum	1,150 00	
Insane Department 4 Assistant Physicians	204 77	
Supervisor, Philip Harvey	565 00	
" Insane, F. R. Hudgins	312 50	
4 in charge Phthisis Ward	362 75	
Gatekeeper, O. Canoles	187 50	
Matron, Nannie E. Worsley	625 00	
" Centre House, Minnie Hillegeist	312 50	
Charge Laundry, Logan Carey	275 00	
" Sewing Room, Mary Mercer	375 00	
Superintendent of Nurses, K. C. Lucas	625 00	
30 Head, Ward and Assistant Nurses	2,522 21	
2 charge W. F. Rec. Ward	205 70	
2 charge Col. F. Rec. Ward	202 24	
3 charge Children's Ward	134 91	
Supervisor Female Insane, Rosa E. Pettus	437 50	
25 Attendants Female Insane	3,019 25	
Ass't Supervisor Male Insane, Coke E. Rogers	248 00	
31 Attendants Male Insane	1,025 53	
Pathologist, Dr. Eugene M. Opie	50 00	
Engineer's help, 17 employees, cooks, carriage driver, male annex, laundresses, watchman, etc.	2,054 58	
Total expenditures		25,570 07
Surplus of credit		$3,516 95
Balance to surplus, 1904		3,516 95

BAYVIEW ASYLUM.

Original Appropriation, expenses		$86,701 00
Wages on Labor-Roll returned		6 14
Total credits		$86,707 14

EXPENDITURES.

General subsistence, meats, groceries, provisions, etc.	$46,099 75	
Drugs and hospital supplies	3,467 72	
Laboratory and surgical supplies	340 72	
Stables, cost of feed, etc	1,184 51	
Fuel	13,006 02	
Gasoline and electrical supplies	1,611 89	
Bedding	1,972 01	
Dry goods, clothing, etc	5,967 40	
Painting, general repairs, etc	5,426 05	
Special improvements, fire apparatus, beds, etc	1,135 69	
Labor pay roll	2,623 81	
Laundry supplies	217 59	
Total expenditures		83,053 16
Surplus of credit		$3,653 98
Balance to surplus, 1904	$ 3 98	
Amount carried forward to 1905	3,650 00	3,653 98

REVENUE.

Received for board of inmates and sale of old material	$1,533 06
Paid over to the City Treasury	1,533 06

CONSUMPTIVE HOSPITAL, BAYVIEW ASYLUM A—VI (34).

Original Appropriation		$15,000 00
Transferred from Contingent Fund		2,676 00
Amount brought forward from 1903		10,800 00
Total credits		$28,476 00

EXPENDITURES.

J. Schamberger, building	$20,533 92	
Enterprise S. and H. W. H. Co., heating	3,612 00	
A. J. Bruen & Co., electric wiring	525 00	
Geo. Walther & Co., plumbing	1,800 88	
Felix McGinity, lavatory for Annex	490 00	
Water Department, water pipe and fittings	561 18	
N. M. Rittenhouse, terra cotta sewer pipe	366 02	
Filbert Pav'g and Construc'n Co., asphalt lavatories.	145 00	
Piping for gas connections, gas and electric fixtures, advertising, etc	442 00	
Total expenditures		28,476 00

TEMPORARY CARE OF HOMELESS MEN A—VI (35).

FRIENDLY INN.

Original Appropriation		$1,000 00

EXPENDITURES.

Furnishing meals and lodging to 6,715 men at 10c. per day as per contract	$671 50	
Furnishing meals and lodging to 2,314 men at 10c. per day as per contract	231 40	
Furnishing meals and lodging to 971 men at 10c. per day as per contract	97 10	
Total expenditures		1,000 00

JAIL A—VI (36).

Original Appropriation, salaries		$33,416 67

EXPENDITURES.

Salaries to December 15, 1904:

Warden, Chas. A. Hook	$2,083 25	
Physician, Geo. L. Wilkins	1,562 50	
Clerk, Harry F. Martin	1,562 50	
Deputy Warden, James F. Macullar	1,250 00	
Engineer, M. J. Fitzpatrick	815 16	
" John McCusker	1,042 80	
Keeper, Jos. Steinberger	934 92	
" John Fallon	228 00	
" Chas. Kirby	53 24	
" J. H. Jenkins	937 50	
" J. P. Towson, Jr	597 18	
" Thos. Hopper	937 50	
Baker, Chas. Helbing	939 92	
Keeper, M. McGuire	939 92	
" Geo. Hummel	278 24	
" John Connolly	49 61	
Amounts carried forward	$14,212 24	$33,416 67

Amounts brought forward	$14,212 24	$33,416 67
Keeper, H. H. Levelle	942 34	
" Thomas Noonan	937 50	
" Edward Wolfe	937 50	
" M. J. Egan	937 50	
" H. O'Connor	937 50	
" Eugene McCarthy	937 50	
" B. F. Tinnan	747 42	
" Thomas Mitchell	966 94	
" Geo. Friese	937 50	
" William Graham	927 92	
" Chas. Marchant	733 14	
" Louis Forster	859 24	
" P. H. C. Stitcher	804 60	
" Dennis Bergen	962 10	
" H. H. Lecron	944 92	
" H. M. Shamberger	957 18	
" M. Waldhauser	935 24	
" A. Kerbe	154 84	
" Richard Knox	37 50	
" Chas. Howell	180 58	
Hostler, Chas. W. Haacke	185 83	
" Peter Cull	558 50	
Ass't to Physician, C. C. Tumbleson	62 50	
" " J. C. Blake	87 50	
" " E. F. Smith	100 00	
Matron, Mrs. Minnie Hughes	753 87	
" Mrs. Martin	750 00	
" Mrs. Willen	38 70	
" Mrs. Rock	705 48	
Substitute Keeper, Robert Emerson	7 26	
Total expenditures		33,240 84
Surplus of credit		$175 83
Balance to surplus, 1904		175 83
Original Appropriation		$20,000 00

EXPENDITURES.

Flour	$6,858 28	
Meats	3,057 67	
General groceries	4,091 83	
Heating and lighting	419 33	
Machinery and supplies	1,025 58	
Clothing	1,364 44	
Sanitary	1,179 33	
Hospital drugs	393 06	
Hospital subsistence	169 51	
Incidental expenses	439 48	
Warden's subsistence	999 43	
Total expenditures		19,997 94
Surplus of credit		$2 06
Balance to surplus, 1904		2 06

TRANSPORTATION TO HOUSE OF CORRECTION A—VI (36).

Original Appropriation	$500 00

EXPENDITURES.

Paid B. & O. R. R. Co. for transportation, February.	$17 31	
" " " " " March ...	71 61	
" " " " " April	42 64	
" " " " " May	35 65	
" " " " " July	35 96	
" " " " " August ..	34 18	
" " " " " September	21 05	
" " " " " October ..	25 59	
" " " " " November.	22 16	
" " " " " December.	34 18	
Total expenditures		340 33
Surplus of credit		$159 67
Balance to surplus, 1904		159 67

REFORMATORIES A—VI (36).

Original Appropriation	$75,500 00

EXPENDITURES.

St. Mary's Industrial School, maintenance 358 boys, $6.66 2-3 per month per capita	$26,606 64	
House of Reformation for Colored Boys, maintenance 107 boys, $6.66 2-3 per month per capita	15,000 00	
Industrial Home for Colored Girls, maintenance 49 girls, $4.75 per month per capita	3,334 99	
House of Good Shepherd for Colored Girls, maintenance 44 girls, $4.75 per month per capita	2,500 00	
Female House of Refuge, maintenance 28 girls, $6.66 2-3 per month per capita	2,867 75	
House of Refuge for Boys, maintenance 153 boys, $6.66 2-3 per month per capita	11,625 74	
House of Refuge for Boys manual training, 100 boys, $5.00 per month per capita	6,000 00	
House of Refuge for Boys, repairs	2,992 48	
Total expenditures		70,927 60
Surplus of credit		$4,572 40
Balance to surplus, 1904		4,572 40

JAIL—REVENUE A—VI (36).

Received for board of prisoners, services of prisoners, and sale of old material	$10,134 38
Amount paid into the City Treasury	10,134 38

DISPENSARY SERVICE A—VI (37).

Original Appropriation		$9,200 00
EXPENDITURES.		
Eastern Dispensary	$1,191 90	
Baltimore General Dispensary	1,372 40	
Northeastern	1,425 00	
Woman's Medical College Dispensary	1,050 35	
Balto. Eye, Ear and Throat Charity Hospital Disp'y	700 00	
City Medical Agency, southern district	1,198 45	
" " " northwestern district	1,096 90	
Total expenditures		8,035 00
Surplus of credit		$1,165 00
Balance to surplus, 1904		1,165 00

TRANSPORTATION OF POOR TO THEIR HOMES A—VI (37).

Original Appropriation		$800 00
EXPENDITURES.		
Paid for transportation in January	$ 4 00	
" " February	7 73	
" " March	49 64	
" " April	121 61	
" " May	33 20	
" " June	325 19	
" " July	58 18	
" " August	51 43	
" " September	15 05	
" " October	8 41	
" " November	53 89	
" " December	52 11	
Total expenditures		780 44
Surplus of credit		$19 56
Balance to surplus, 1904		19 56
REVENUE.		
By balance brought forward from 1903	$56 05	
Amount refunded by beneficiaries during 1904	83 01	
Amount paid into the City Treasury		$139 06

PENSION ACCOUNT, W. H. WAR A—VI (37).

Original Appropriation	$260 00
EXPENDITURES.	
Paid W. H. War $5.00 per week during 1904 (52 weeks)	260 00

CITY ENGINEER A—VI (41).

Original Appropriation, salaries $30,458 34

EXPENDITURES.

Salaries to December 15, 1904:		
City Engineer, B. T. Fendall, 12 months	$4,000 08	
Chief Clerk, Geo. M. Boteler, 12½ months	1,562 50	
Permit " Jas. R. Dunlop, 12½ months	1,041 63	
Bookkeeper, Jos. S. Clarke, 12½ months	1,041 63	
Stenographer, E. F. Rodgers, 3 mos. 29½ days	298 75	
" Wm. L. Proutt, 8 10-30 months	625 00	
Clerk, W. S. Wood, ½ month	30 00	
Chief Inspector, Alfred Hollyday, 12½ months	937 50	
Assistant City Engineer, N. M. Gray, 12½ mos	2,083 33	
" " " Jno. S. Patterson, 1 mo.	166 67	
" Engineer, Jno. S. Patterson, 11½ mos	1,437 50	
" " R. K. Compton, 12½ mos	1,562 50	
Draughtsman, H. F. Siemers, 12½ mos	1,250 00	
Clerk, Jno. H. Brown, 4 mos. 11 days	261 29	
" W. S. Taylor, 7 mos. 1 day	420 96	
Ass't Engineer, Jas. A. Paige, 1 month	125 00	
" City " Jas. A. Paige, 11½ months	1,916 77	
Ass't Engineer, Jno. S. Doyle, 9 months	1,125 00	
" " B. L. Weston, 12½ months	1,562 50	
" " Jos. Greenbaum, 9½ months	950 00	
Clerk, H. T. Dougherty, 3 mos. 6 days	185 81	
" J. H. Duvall, 9 mos. 12 days	564 19	
Paving Inspector, W. W. Stockham, 9 months	540 00	
" " Jno. Ireton, 3½ months	210 00	
Ass't City Engineer, O. W. Connet, 12½ months	2,083 25	
" Engineer, Frank K. Duncan, 12½ months	1,337 50	
" " " " "		
" " R. M. Cooksey, 3½ months	350 00	
Draughtsman, Thos. C. Harris, 12½ months	937 50	
Clerk, L. C. Miller, 12½ months	750 00	
Footway Inspector, Jos. B. Maguire, 12½ months	750 00	
Draughtsman, W. H. Soine, 3 mos. 21 days	276 29	
" Jos. Isaacs, 29 days	73 19	
Total expenditures		30,456 34
Surplus of credit		$2 00
Balance to surplus, 1904		2 00

Original Appropriation, expenses	$2,700 00
Transferred from Contingent Fund	599 38
Total credits	$3,299 38

EXPENDITURES.

Advertising for proposals in sundry papers	$ 583 97	
Horse and buggy hire	102 00	
Car tickets	1,098 00	
Map rack	23 00	
Engineering monthlies and publication on concrete	13 75	
Stamps and postal cards	206 65	
Rewiring (Md. Tel. Co.) inter-office 'phones	329 89	
Filing cases and cards	177 07	
City directory	6 00	
Printing annual reports	55 00	
Estate, grades, making profiles (R. C. Thomas, C.S.)	256 00	
Repairs to levels and transit	12 50	
Telephone charges, hauling, freight, wood stakes, rent of oil stove, repairs to typewriters, tracing cloth, blue print paper, etc	19 52	
Total expenditures		2,883 35
Surplus of credit		$416 03
Balance to surplus, 1904		416 03

COMMISSIONERS FOR OPENING STREETS A—VI (41).

Original Appropriation, salaries		$6,900 00
EXPENDITURES.		
Salaries to December 1, 1904:		
Commissioner, Francis E. Bond, 3 months	$ 450 00	
" J. Arthur Wickham, 9 months	1,350 00	
" Henry Yewell, 12 months	1,800 00	
" James H. Marine, 12 months	1,800 00	
Clerk, George Chesly, 4 months	500 00	
" Eugene F. Rodgers, 8 months	1,000 00	
Total expenditures		6,900 00
Original Appropriation, expenses		$71 00
EXPENDITURES.		
Newspapers	$14 10	
City directory	6 00	
Postage	17 65	
Total expenditures		37 75
Surplus of credit		$33 25
Balance to surplus, 1904		33 25

SUPERINTENDENT OF LAMPS AND LIGHTING A—VI (41).

Original Appropriation, salaries		$12,987 50
EXPENDITURES.		
Sup't of Lamps and Lighting, Rob't J. McCuen	$1,999 99	
Asst. Supt. Lamps and Lighting, William Mohr	1,562 50	
Inspector Gas and Oils, Louis S. Wilson	1,040 00	
" " Meters, John H. Marley	936 00	
Collector Meters and Oil, Charles Heinritz	936 00	
Sup't Eastern District, Benj. T. Wells	650 00	
" Northeastern " Geo. M. McClary	650 00	
" Western " Wm. L. Cutaiar	8 94	
" " " Rudolph Bolard (vice Cutaiar)	75 00	
" " " Harry White (vice Bolard)	475 00	
" Northwestern " Wm. H. Boone	650 00	
" Southern " John Bowers	650 00	
" Northern Dist., No. 1, Adam Hensel	75 00	
" " " No. 1, Matthew O'Neill (vice Hensel)	14 29	
" " " No. 1, Rob't C. Dudley (vice O'Neill)	500 00	
" " " No. 2, Hy. C. Kennedy	648 22	
Inspector-at-large, Jas. A. Jacobs	12 86	
" " Adam Hensel (promoted—vice Jacobs)	828 00	
" " Frank F. Bush	650 00	
Extra help, clerical	75 00	
" " labor	21 67	
Total expenditures		12,458 47
Surplus of credit		$529 03
Balance to surplus, 1904		529 03

Original Appropriation, expenses $300 00

EXPENDITURES.

Car tickets	$60 00	
Advertising for proposal	50 09	
Department badges	40 00	
Postage stamps	23 00	
Typewriting specifications	23 17	
Printing 1903 reports	23 50	
Team hire—removing old lamp post	10 00	
Miscellaneous, hardware	11 12	
City directory	6 00	
Gas "	5 00	
Paints, oils, etc.	6 56	
Postals and printing	2 00	
Railroad fare	4 50	
Expressage, long distance telephone, etc.	70	
Total expenditures		265 64
Surplus of credit		$34 36
Balance to surplus, 1904		34 36

STREET CLEANING DEPARTMENT A—VI (41).

Original Appropriation, salaries $17,208 34

EXPENDITURES.

Salaries to December 15, 1904:

Commissioner of Street Cleaning, J. L. Wickes	$2,500 00	
General Superintendent, W. A. Larkins	1,562 50	
Chief Clerk, F. G. Whelan	1,041 67	
Ass't " Henry Moale	750 00	
Stenographer and Mileage Clerk, F. W. Hoffrogge	750 00	
1st District Superintendent, Wm. Weibking	1,041 67	
2d " " Ed. F. Callahan	1,041 67	
3d " " J. F. Hall	1,041 67	
4th " " John T. Brady	1,041 67	
5th " " John E. Gist	1,041 67	
6th " " M. Doonan	1,250 00	
7th " " B. T. Sarber	1,041 67	
Sup't of Sweeping Machines, Jos. Wilkins	469 47	
" " " W. A. Peddicord	507 02	
Garbage Inspector, A. S. Wilson	812 50	
Sup't Dump No. 1, Jos. W. Funk	625 00	
" " No. 2, Hugh Noon	625 00	
Total expenditures		17,143 18
Surplus of credit		$65 16
Balance to surplus, 1904		65 16

Original Appropriation, expenses		$1,100 00
EXPENDITURES.		
J. L. Wickes, expenses to New York	$ 58 00	
Livery	265 50	
Car tickets	480 00	
Magistrates' fees	44 65	
City directory	6 00	
Advertising proposals	92 65	
Rubber stamps, etc	7 01	
Repairing typewriter	1 25	
Copy book on "Garbage Disposal"	5 00	
Subscription to daily papers	7 77	
Printing annual report	10 50	
Postage	32 17	
Index and cards	22 00	
Total expenditures		1,032 50
Surplus of credit		$67 50
Balance to surplus, 1904		67 50

HARBOR BOARD A—VI (41).

Original Appropriation, salaries		$5,250 00
EXPENDITURES.		
Salaries to December 15, 1904:		
Harbor Engineer, N. H. Hutton	$4,000 00	
Clerk, James H. Irvin	1,250 00	
Total expenditures		5,250 00
Original Appropriation, expenses		$500 00
EXPENDITURES.		
Telegrams and oaths	$ 7 07	
Postage stamps	10 00	
Car tickets	10 00	
Advertising	27 23	
Annual reports	6 50	
City directory	6 00	
Asst. Engineer and drawings	170 58	
To Annapolis, account State appropriation	13 25	
File, cabinet	3 55	
Cigars for Board	60 00	
Lunch (Board meetings on boat)	105 00	
Total expenditures		419 18
Surplus of credit		$80 82
Balance to surplus, 1904		80 82
REVENUE.		
Amount brought forward from 1903		$ 6 00
Sale of old material		33 75
Total receipts		$39 75
Balance paid into the City Treasury		39 75

CITY ENGINEER A—VI (41).

BURNT DISTRICT ACCOUNT.

Original Appropriation, from Burnt District Fund..... $23,081 08

EXPENDITURES.

Foremen,	397.3	days at	$3.00....	$ 1,191 90	
Laborers,	9,154.3	" "	1.66 2-3.	15,257 15	
Carters,	4.7	" "	2.50....	11 75	
Blacksmith,	1.1	" "	3.20....	3 59	
Total...	9,557.4				$16,464 39
For tools				$ 24 04	
" clearing debris (spec. contr't)				70 00	
" lumber				427 29	
" United Railways and Electric Company (pay rolls)				120 97	
Total				642 30	
					$17,106 69

In the above-named labor, there was expended:

For clearing the streets between curb lines	$15,421 56
" clearing footways in front of property owned by the City	528 99
" clearing lines for City Surveyor	513 84
	$16,464 39

REMOVING DEBRIS FROM STREETS.

Labor	$5,306 09		
Materials	581 71		
		$5,887 80	
Repairs to sewer at Light and Balderston Sts.		57 06	
			5,944 86
Total expenditures			23,051 55
Surplus of credit			$29 53
Balance to Burnt District Fund			29 53

Directly after the great fire of February 7th and 8th, 1904, it became necessary to clear the streets of debris, and pull down dangerous walls. On February 10th men began work of clearing the streets, and on February 18th the main streets were clear, and these men were laid off. For nearly two months after the fire one large gang was at work pulling down dangerous walls. Part of the walls were pulled down with ropes, but the more difficult ones along the harbor were pulled down with a steam winch on a scow, and with the tug "Baltimore."

The area burned over in the fire of February 7th and 8th, was 140 acres; the length of streets in this area is 8 miles and ½ mile of alleys.

CITY SURVEYOR, FEES, ETC. A—VI (41).

BURNT DISTRICT ACCOUNT.

Original Appropriation, from Burnt District Fund		$1,000 00
EXPENDITURES.		
Establishing grades	$762 00	
Advertising	93 47	
Total expenditures		855 47
Surplus of credit		$144 53
Balance to Burnt District Fund		144 53

BURNT DISTRICT COMMISSION A—VI (41).

Original Appropriation, transferred from Burnt District Fund		$25,000 00
From Burnt District Imp. 1954 Loan		25,000 00
Total credits		$50,000 00
EXPENDITURES.		
Salaries to December 15, 1904:		
Commissioner, Sherlock Swann	$2,881 69	
" C. K. Lord	2,521 45	
" Reuben Foster	858 99	
" John T. Graham	2,521 45	
" John W. Snyder	1,662 46	
" James H. Smith	1,081 96	
" J. Frank Supplee	1,081 96	
" I. Lobe Strauss	1,081 96	
Secretary, James R. Brewer, Jr.	1,524 13	
Expert Real Estate Assessor, James R. Morrow	2,210 00	
Clerk, J. H. Brownley	907 25	
" Samuel F. Sharretts	975 00	
" S. T. Patterson	88 00	
" Joseph E. Kirwan	88 00	
Stenographer, F. H. Kelly	579 57	
" Thos. S. Hooper	10 00	
" H. S. Duer	411 00	
" Louis McShane	148 00	
Damage Clerk, Winifred Thompson	583 64	
Benefit " Louis A. Lefevre	388 00	
" " Chas. Haslup	340 00	
Record " Garner W. Denmead	218 00	
" " Talbot Denmead	219 00	
" " Bernard Schlitterlan	20 00	
" " Robert Williams	88 00	
" " J. Wallace Bryan	54 00	
Reporter, Walter L. Alexander	930 00	
" James E. Godwin	708 32	
Messenger, Philip McIntire	60 70	
" Alex. McIntire	62 49	
" Herbert B. Addison	76 75	
" Ewing R. Kelly	73 55	
Charwoman, Mary Syron	162 50	
Surveyor, Raleigh C. Thomas	1,680 00	
Amounts carried forward	$26,297 82	$50,000 00

Amounts brought forward	$26,297 82		$50,000 00
Transitman, W. C. Janney	100 47		
" Luke Ellis	514 67		
" B. M. Cooksey	422 58		
" Leander Dorsey	274 66		
Chainman, George T. Mudge	174 00		
" John A. Murphy	206 00		
" Marriott Price	45 00		
" R. C. McComas	102 00		
" Henry Evans	287 50		
" Dan'l A. Maloney	139 00		
" F. D. Dollenberg	69 00		
" Curtis B. Simonds	382 00		
" S. R. Alexander	167 48		
" Horace Brown	76 25		
" John K. Wetter	108 00		
" Louis M. Whitcraft	360 00		
" H. Ferd. Schafer	385 00		
" Jos. S. Bayliss	133 00		
" Thos. S. Strobhar	196 00		
" Wm. R. Hudgins	31 00		
Draughtsman, Jos. Isaacs	680 00		
" Tolley Biays	299 33		
" J. Elmer Sheppard	275 00		
" Sidney Vincent	100 83		
" C. B. Sadler	430 00		
" D. W. Wilson	16 67		
" E. S. Wilson	125 00		
" C. E. Walter	117 00		
" Fred'k S. Roxborough	118 00		
" E. J. McIntire	15 00		
" C. W. Meislahn	36 00		
" M. J. Ruark	10 60		
" Geo. Myers	12 00		
" Chas. Whittle	328 33		
" Newton E. Wayson	338 33		
" A. J. Lowndes	120 00		
" A. R. James	48 00		
" Fred'k Bachman	76 62		
" E. B. Stevenson	88 29		
" Warren S. Seipp	116 51		
Total expenditures for salaries		$33,822 94	

Expenses.

Abstract Digester, Allan C. Girdwood...	$556 67		
" " Henry C. Downs.....	37 50		
" Recorder Miss Nellie O'Neill...	337 09		
" " Miss Annie C. Madden	261 67		
" " Miss Alice M. Behrens	194 99		
" " Miss Anna M. Werner	72 03		
" " Miss Emma V. Ellinger	97 20		
Benefit Clerk, Louis A. Lefevre	26 00		
Professional services as Examiner of Titles, Wm. P. Twamley	233 94		
Expert Valuation, P. J. Caughey and A. D. Bernard	520 00		
Amounts carried forward	$2,337 09	$33,822 94	$50,000 00

Amounts brought forward	$2,337 09	$33,822 94	$50,000 00
Examinations of Titles of alleys in vicinity of Light Street wharf, Armstrong Thomas	25 00		
Attendance at Court, Condemnation Cases, F. J. Caughey	900 00		
Tracings for Dock Improvements, Emory Sudler	15 00		
Office furniture, fixtures, etc	812 55		
Books, stationery, printing, etc	869 18		
Maps, blue prints, plats, etc	308 17		
Typewriter, cabinets, etc	873 55		
Advertising	1,993 36		
City directory	6 00		
Hauling furniture from City Hall to Courthouse	4 00		
Notary fees	4 00		
Surveyor's instruments, etc	262 94		
Stenography and typewriting	15 85		
Postage, telephones, telegrams, etc	180 61		
Daily papers, ice, etc	63 75		
Surveyor's services, S. J. Martenet & Co., Hanover Street	8 00		
" " S. J. Martenet & Co., St. Paul & Light Streets	80 00		
" " S. J. Martenet & Co., Hopkins Place	310 00		
Reference to Titles, Balto. Guar. & Title Company:			
7 lots, Hanover Street	52 50		
3 lots, St. Paul Street	22 50		
3 lots, Sharp and German and Balto. and Light Streets	22 50		
Data lines for plats, S. J. Martenet & Co.	500 00		
Total expenditures for expenses		9,666 55	
Total expenditures for salaries and expenses			43,489 49
Surplus of credit			$6,510 51
Balance carried forward to 1905			6,510 51

STREETS OPENED, WIDENED AND CLOSED BY CONDEMNATION.

	Ordinances.		Jan. 1, 1904. Dr. Balance.	Jan. 1, 1904. Cr. Balance.	Expenditures in 1904	Receipts in 1904.	Balance Dr.	Balance Cr.
	No.	Year.						
Abell Street	69	1902	$ 99 69				$ 99 69	
*Aiken Street	26	1902		$ 2,125 74	$ 3,333 33	$ 1,432 09		$ 224 50
Apple or Jew Alley	99	1902	46 29				46 29	
Beason Street	93	1885		1,292 27		154 50		1,446 77
Castle Street	124	1894		1,443 70				1,443 70
Clarkson Alley	112	1884	35 31				35 31	
Cooksie Street	24	1887		75 00				75 00
Dallas Street	50	1891		333 43				333 43
Dallas Street	115	1888	42 80				42 80	
Etting Street	71	1892		48 77				48 77
Florence Street	99	1889	497 00				497 00	
Francis Street	101	1889	226 00				226 00	
Fulton Avenue	105	1892	61 65				61 65	
Grove Street	138	1896		208 97				208 97
Jackson Street	7	1901		6,919 00	6,734 25			184 75
Morris Street	103	1889	494 55				494 55	
Mount Street	205	1889		1,366 91				1,366 91
Neighbor Street	106	1894	30 25				30 25	
Patterson Avenue	98	1889		1,417 26				1,417 26
Patapsco Street	39	1883		715 14				715 14
Race Street	113	1884	462 55				462 55	
Race Street	139	1875		946 60				946 60
Scott Street	61	1900	172 78				172 78	
Viaduct Avenue	57	1902		2,141 18	1,483 27	33 72		691 63
Wolfe Street	112	1898	31 35				31 35	
Amts. carried forward			$2,200 12	$19,033 97	$11,550 85	$1,620 31	$2,200 22	$9,403 43

STREETS OPENED, WIDENED AND CLOSED BY CONDEMNATION—*Concluded.*

	Ordinances. No.	Ordinances. Year.	Jan. 1, 1904, Dr. Balance	Jan. 1, 1904, Cr. Balance.	Expenditures in 1904	Receipts in 1904.	Balance Dr.	Balance. Cr.
Amts. bro't forward....			$2,200 12	$19,033 97	$11,550 85	$1,620 31	$2,200 22	$9,403 43
Closing Streets.								
Gilmor's Lane	146	1896	.....	146 50	.....	.....	.....	146 50
Gilmor's Lane	84	1900	.....	164 75	.....	.....	.....	164 75
Jenkins' & Point Lanes.	126	1901	.....	234 50	.....	.....	.....	234 50
Meyers Street	49	1904	.....	.....	47 20	.....	47 20	.....
Meyers Street	50	1904	.....	.....	44 25	.....	44 25	.....
Mine Bank Lane.....	13	1899	421 96	.....	.....	.....	421 96	.....
West Falls Lane	87	1898	144 33	.....	.....	.....	144 33	.....
			$2,766 51	$19,579 72	$11,642 30	$1,620 31	$2,857 96	$9,649 18
Credit balance December 31, 1903.....			16,813 21	.....	.....	.....	.....	.....
Excess expenditures over receipts in 1904.....			.....	.....	.....	10,021 99	.....	.....
Credit balance December 31, 1904.....			.....	.....	.....	.....	6,791 22	.....
			$19,579 72	$19,579 72	$11,642 30	$11,642 30	$9,649 18	$9,649 18

Balance December 31, 1904		$6,791 22
*Streets completed and balances closed to Mayor and City Council		224 50
Net balances forward to 1905		$6,566 72
Receipts from City Collector, individual benefits...	$ 188 22	
City benefits	1,432 09	
	$1,620 31	

BURNT DISTRICT ACCOUNT A—VI (42).

WIDENING, OPENING AND EXTENDING STREETS.

Appropriation, Ordinance No. 66, 1904, Burnt District Fund		$1,000,000 00
" Ordinance No. 136, 1904, Burnt District Imp. 1954 Loan		825,000 00
Total appropriations		$1,825,000 00

EXPENDITURES.

Widening of Light Street, Baltimore to Pratt Street	$385,657 49		
Less receipts	3,900 50		
		$381,756 99	
Widening of Pratt Street		27,115 84	
" Lombard Street		81,055 31	
" Calvert Street		91,056 04	
" Commerce Street		8,759 36	
Opening of Hanover Street	$156,648 52		
Less receipts	2,425 00		
		154,223 52	
Widening of St. Paul Street		123,588 04	
Opening of Hopkins Place	$185,438 54		
Less receipts	1,894 00		
		183,544 54	
Opening of Market Spaces		67,703 50	
Extending West Falls Avenue		13,655 04	
Total expenditures			1,132,458 18
Balance carried forward to 1905			$692,541 82

WIDENING OF LIGHT STREET (Ordinance No. 66, 1904).

EXPENDITURES.

Domestic and Foreign Missions Society, S. W. Cor. Baltimore and Light Streets	$110,000 00
Geo. Miller, sub ground rent, No. 2 Light Street.	10,666 66
Kate Hanzsche, leasehold, No. 2 Light Street	3,777 68
D. Maulsby *et al*, Trustees, ground rent, No. 2 Light Street	1,555 66
Walter A. Raleigh, Trustee, ground rent, No. 6 Light Street	1,787 70
Hyland P. Stewart, leasehold, No. 6 Light Street.	15,065 01
Louis Muller *et al*, No. 8 Light Street	7,262 81
M. Sheehan, mortgage, No. 8 Light Street	12,034 99
Jno. M. Baker, No. 12 Light Street	1,804 66
F. X. Jenkins *et al*, No. 14 Light Street	9,014 99
Wm. J. Dickey & Sons Co., No. 16 Light Street.	11,064 37
Wm. N. Numsen, Trustee, No. 18 Light Street	13,820 25
Wm. Lanahan & Son, No. 20 Light Street	14,560 53
" " " No. 24 Light Street	10,045 28
" " " No. 22 Light Street	10,812 44
Sam'l Holmes' heirs, No. 26 Light Street	3,175 21
Thos. Canby estate, Nos. 30 and 36 Light Street.	39,686 28
Wm. Gottschalk Co., Nos. 102, 104, 106, 108 and 110 Light Street	40,583 24
Thos. M. Lanahan, No. 100 Light Street	10,367 66
Amount carried forward	$327,085 42

Amount brought forward	$327,085 42	
Laura M. Hunt, No. 120 Light Street	8,650 28	
Coan Estate, No. 124 Light Street	5,000 30	
Mary F. Watkins, No. 124 Light Street	7,500 00	
John G. Clarke, No. 122 Light Street	8,584 31	
Mary E. Garrett, Nos. 20 and 22 German Street, corner Light Street	25,055 33	
S. J. Martenet, surveying, plats, etc	15 00	
Title Guar. and Trust Co., references to records of titles	142 50	
Title Guar. and Trust Co., examinations and insurance of titles	555 00	
F. W. Story, verification of abstracts	40 00	
J. I. Cohen, verification of abstracts	20 00	
Adjustment of taxes, Garrett Estate, Lot 4	161 47	
Frank J. Caughey. Thos. J. Lindsay and Alfred D. Bernard, expert testimony	375 00	
Wm. Penn Lewis and Jno. Watson, Jr., examination of titles and preparing deeds for 13 lots	1,449 45	
McHenry Howard, examination of titles, 5 lots	760 00	
Advertising	149 68	
Recording deeds	105 15	
Typewriting	8 60	
Total expenditures	$385,657 49	
Receipts		
10% of sale of remaining portion No. 6 Light St.	3,900 50	
Net expenditures		$381,756 99

WIDENING OF PRATT STREET.

EXPENDITURES.

Clara V. Tyler, Lot No. 202 E. Pratt Street	$4,715 00	
Sidney A. Hillard, Lot No. 505 E. Pratt Street	6,324 87	
Isabella McNulty, mortgage, Lots Nos. 717-719 E. Pratt Street	1,989 00	
Elizabeth M. Brown, Lots Nos. 717-719 E. Pratt St.	1,068 48	
" " " " " "	4,562 82	
Charles M. Roberts, leasehold, Lots Nos. 723-725 and 727 E. Pratt Street	2,500 30	
Corporation Episcopal Church, etc., Lots Nos. 723-725 and 727 E. Pratt Street	3,500 30	
Adjustment of taxes, Garrett Estate, Lot No. 225 E. Pratt Street	147 07	
S. J. Martenet & Co., surveying, plats, etc	505 00	
Title Guar. and Trust Co., reference to record of titles	340 00	
F. W. Story, verification of abstracts	10 00	
J. I. Cohen, verification of abstracts	40 00	
M. P. Morfit, examination of titles, No. 225 E. Pratt Street	115 00	
Brown, Marshall, Brune and Thomas, examination title No. 505 E. Pratt Street	100 00	
A. A. Savin, examination of title, Nos. 723-725 and 727 E. Pratt Street	100 00	
Wm. Penn Lewis and Jno. Watson, Jr., examination of title, Nos. 717-719 E. Pratt, cor. Mill St.	125 00	
Max Weissenborn, special information	62 50	
Francis H. Hambleton, expert valuation of Power House Property	750 00	
Recording deeds	16 00	
Advertising	137 00	
Typewriting	7 50	
Total expenditures		$27,115 84

ST. PAUL STREET WIDENING.

EXPENDITURES.

Jno. M. and W. M. Glenn, No. 14 St. Paul Street..	$ 9,230 59	
Daily Record Building Co., S. W. Cor. St. Paul and Fayette Streets	34,833 33	
Caroline Rennert, No. 4 St. Paul Street	17,060 80	
Rambee Estate, 38 and 40 E. Balto. St. and No. 2 St. Paul Street	50,001 20	
Rob't M. Denison, Nos. 16 and 18 St. Paul St.	11,400 30	
Title Guar. and Trust Co., reference to record of titles	100 00	
Brown, Marshall, Brune and Thomas, examination of title, S. W. Cor. St. Paul & Fayette Sts.	200 00	
F. E. Pegram, examination of title, Nos. 38 and 40 E. Baltimore St. and Nos. 2, 4 and 6 St. Paul St.	554 50	
Advertising	184 82	
Recording	22 50	
Total expenditures		$123,588 04

OPENING OF HOPKINS PLACE.

EXPENDITURES.

Susan M. Williams, No. 7 N. Liberty Street	$ 792 00	
Geo. R. Granger, No. 127 W. Baltimore Street	82,450 00	
Mrs. M. J. Bennett, part of Nos. 43-45 Hopkins Pl.	7,607 31	
Richard Bernard, Trustee, Nos. 110-112-114-116 W. Baltimore Street and 1 and 3 N. Liberty Street.	90,001 20	
Jno. J. McCulloh Estate, part No. 41 Hopkins Pl.	1,797 38	
Henry Williams, City Collector, benefits, No. 41 Hopkins Place	1,462 00	
Title Guar. and Trust Co., reference to record of titles	132 50	
Title Guar. and Trust Co., examination and insurance, N. E. Cor. Balto. and Liberty Streets..	465 00	
J. I. Cohen, examination titles, German to Lombard Street	515 70	
B. J. McKindlass, examination of title, Baltimore and Liberty Streets	15 00	
Advertising	186 70	
Recording	13 75	
Total expenditures		$185,438 54

Receipts

Benefits received by City Collector	1,894 00
Net expenditures	$183,544 54

CALVERT STREET WIDENING.

EXPENDITURES.

Sheppard and Enoch Pratt Hospital, S. E. Cor. Calvert and Fayette Streets	$53,062 50	
A. M. McManus *et al*, part of Nos. 1 and 3 N. Calvert Street	21,313 65	
R. Q. Taylor Estate, part of No. 5 N. Calvert St.	16,074 61	
S. J. Martenet & Co., plats, etc.	20 00	
Title Guar. and Trust Co., reference to record of title	20 00	
Title Guar. and Trust Co., examination and insurance of title, Cor. Calvert and Fayette Sts.	145 00	
Jas. S. Calwell, examination of title, Baltimore and Calvert Streets	50 00	
Advertising	348 03	
Recording	22 25	
Total expenditures		$91,056 04

LOMBARD STREET WIDENING.

EXPENDITURES.

Lawrence West, part No. 17 E. Lombard St.	$ 1,416 88	
Sheppard and Enoch Pratt Hospital, No. 101 S. Charles St., Cor. Lombard St.	8,070 57	
Johns Hopkins Hospital, part of Nos. 500-502-504-506-508-510-512 E. Lombard Street	11,132 47	
Johns Hopkins Hospital, part of Nos. 600 and 608 E. Lombard Street	4,016 56	
Johns Hopkins Hospital, No. 100 South St. and Nos. 115-117 E. Lombard Street	9,957 08	
W. K. Boone, *et al*, part of Nos. 201 and 203 E. Lombard Street	5,842 10	
Rebecca Dix *et al*, No. 9 E. Lombard Street	2,658 43	
Chas. Markell, part of Nos. 3-5-7 E. Lombard St.	4,865 00	
Arthur Herzog, part of No. 614 E. Lombard St.	754 75	
Jno. P. Horsey, part of No. 610 E. Lombard St.	639 25	
Anton Scheller, No. 612 E. Lombard Street	866 35	
H. Olive Thompson, 101 Light St., Cor. Lombard.	8,073 67	
Pleasants Estate, part of No. 15 E. Lombard St.	1,374 09	
Deford & Co., part of Nos. 111-113 E. Lombard St.	5,594 56	
Miles White, Jr., *et al*, part No. 19 E. Lombard St.	1,392 30	
Ritchie & Janney, part of Nos. 107-109 E. Lombard Street	4,116 88	
Wm. Wilson and wife, part No. 13 E. Lombard St.	2,126 08	
A. S. Abell Estate, part No. 11 E. Lombard St.	2,141 94	
S. B. Sexton Estate, No. 23 E. Lombard Street	2,213 83	
S. J. Martenet & Co., plats, etc.	30 00	
Title Guar. and Trust Co., references to record of titles	800 00	
Hugh A. Norman, examination of title	50 00	
F. E. Pegram, " " titles	103 90	
Eli Frank, " " "	376 25	
Ewin Bonn, " " "	627 50	
Benj. H. McKindlass, " " "	435 00	
Jno. P. Horsey, " " "	300 00	
Eli Frank, " " "	150 00	
Chas. W. Nash, " " "	85 00	
Ward B. Coe, " " "	100 00	
J. S. Norris, " " "	100 00	
W. P. Morfit, " " "	150 00	
F. W. Hoog, verification of abstract	30 00	
J. I Cohen, " " "	60 00	
Advertising	316 62	
Recording	88 25	
Total expenditures		$81,055 31

COMMERCE STREET WIDENING.

EXPENDITURES.

Susannah Merritt Estate, Nos. 400-402-404 E. Pratt Street	$8,533 30	
S. J. Martenet & Co., plats, etc	60 00	
Title Guar. and Trust Co., reference to record of titles	67 50	
Advertising	94 06	
Recording	4 50	
Total expenditures		$8,759 36

OPENING HANOVER STREET.

EXPENDITURES.

H. S. Keyser, Dexter *et al*, No. 36 W. Balto. St.	$24,311 77	
F. A. Pleasants *et al*, and T. J. Albert *et al*, No. 34 W. Baltimore Street	26,266 56	
S. S. Clayton Estate, No. 103 W. Fayette Street	2,571 00	
Clara L. Curran *et al*, ground rent, Nos. 17 and 19 McClellan's Alley	3,666 67	
S. S. Clayton Est., Nos. 101-103-105 W. Fayette St.	46,301 78	
H. H. Babcock Co., part of Nos. 107-109-111 W. Fayette Street	665 00	
Johns Hopkins University, No. 32 W. Balto. St.	10,400 16	
Bessie J. Kibbey, No. 30 W. Baltimore St	9,539 27	
Olivia P. Albert *et al*, Nos. 107-109-111 W. Fayette Street	10,334 60	
Henry Williams, City Collector, damages, Nos. 17 and 19 McClellan's Alley	1,200 00	
Alford & Lawdor, tenants, damages, No. 103 W. Fayette Street	450 00	
Lauer & Bamberger, leasehold, Nos. 107-109-111 W. Fayette Street	770 00	
Henry Oppenheim, leasehold, Nos. 107-109-111 W. Fayette Street	1,507 00	
Louise C. E. Taylor Estate, ground rent, No. 32 W. Baltimore Street	16,000 00	
Likes & Co., damages, Nos. 107-109-111 W. Fayette Street	486 20	
Title Guar. and Trust Co., reference to titles	60 00	
Samuel C. Houlton, examination of titles	900 00	
Thos. J. Lindsay, Frank J. Caughey and Alfred D. Bernard, services as experts in condemnation cases	525 00	
J. J. Walsh, services, valuations of buildings	25 00	
Jos J. Willis, services, valuations of buildings	50 00	
Jas. P. Morgan, services, valuations of buildings	50 00	
P. C. Dugan & Nephew, services, valuations of buildings	100 00	
Auctioneer's fees	5 00	
Clerk Balto. City Court, cost in appeal cases	200 15	
Advertising	222 91	
Recording	31 50	
Adjustment of taxes, T. J. Albert *et al*, Nos. 17 and 19 McClellan's Alley	8 95	
Total expenditures		$156,648 52
Receipts		
Sale of buildings	$ 500 00	
Collected by City Register	1,925 00	
		2,425 00
Net expenditures		$154,223 52

OPENING OF MARKET SPACES.

EXPENDITURES.

Simon Horstein, No. 5 Centre Market Space	$ 2,030 60	
Gabriel D. Clark, Nos. 701-707 E. Balto. St.....	15,616 35	
Chas. E. Phelps, No. 709 E. Baltimore St.....	6,306 24	
M. C. Beasley *et al*, part of Nos. 717-719-721 E. Baltimore Street	1,647 60	
H. W. V. Wilson *et al*, No. 47 Centre Market Space	3,772 09	
Jacob Epstein, No. 715 Water Street	2,083 60	
" " N. E. Cor. Lombard & Concord Sts.	17,340 38	
Louis H. Schultz, ground rent, N. E. Cor. Lombard and Concord Sts.....	2,143 45	
Jos. T. Atkinson, ground rent, N. E. Cor. Lombard and Concord Streets	1,786 31	
Mary T. Gilner *et al*, No. 713 Water Street.....	1,368 39	
Chas. Lewis, Nos. 703-705 Hawk Street.....	5,310 57	
Appold Estate, No. 715 E. Balto. Street and No. 706 Swan Street	6,300 27	
S. J. Martenet & Co., plats, survey, etc.....	225 00	
Title Guar. and Trust Co., reference to record of titles	440 00	
Title Guar. and Trust Co., examination and insurance of title, Nos. 709-717-721 E. Balto. St..	190 00	
B. F. Bennett, expert as to valuations	150 00	
M. P. Morfit, examination of titles.....	126 75	
N. Irvin Gressitt, " " "	200 00	
Hugh A. Norman, " " "	100 00	
Ward B. Coe, " " "	225 00	
F. W. Story, verification of abstract of title.....	20 00	
J. I. Cohen, " " " " "	27 50	
Advertising	241 40	
Recording	52 00	
Total expenditures		$67,703 50

EXTENDING WEST FALLS AVENUE.

EXPENDITURES.

Mary C. Beasley *et al*, part of Nos. 717-719-721 E. Baltimore Street	$11,442 30	
J. Wilson Leakin et al, No. 714 Swan Street....	1,544 89	
McHenry Howard, examination of title.....	200 00	
S. J. Martenet & Co., surveying, plats, etc.....	175 00	
Title Guar. and Trust Co., reference to record of titles	20 00	
J. I. Cohen, verification of abstract of titles.....	15 00	
Advertising	238 60	
Recording	19 25	
Total expenditures		$13,655 04

WIDENING STREETS.

Appropriation	Ord. No. 67, 1904 Burnt District Fund.....		$600,000 00
"	Ord. No. 135, 1904, Burnt District Imp. 1954 Loan		600,000 00
Total appropriation			$1,200,000 00

EXPENDITURES.

Widening German Street.....	$166,261 73	
" Charles Street	131,203 80	
St. Paul Street plaza	464,894 81	
Total expenditures		762,360 34
Balance carried forward to 1905.....		$437,639 66

WIDENING OF GERMAN STREET (Ord. No. 67, 1904).

EXPENDITURES.

Johns Hopkins Hospital, Nos. 13-15 Hanover St.	$26,045 88	
Emanuel Greenbaum, Nos. 15-17 W. German St..	6,760 98	
Mary M. Eaton, Nos. 5 and 7 W. German St.....	6,305 78	
D. K. Este Fisher *et al*, No. 107 W. German Street	8,049 75	
H. Irvine Keyser *et al*, No. 16 Hanover Street...	22,558 97	
Mary F. Jacobs, No. 18 E. German Street.....	7,515 71	
J. Hoffman Allan, Nos. 16 and 18 W. German St..	15,974 82	
A. C .Tiemeyer, No. 103 W. German St.....	8,297 64	
David Stewart *et al*, No. 9 W. German Street...	6,558 54	
Fannie H. Riggs, Trustee, No. 11 W. German St.	6,554 38	
Jas. T. Dennis, No. 18 Hanover Street.....	6,261 42	
Laurence McCreary, No. 105 W. German Street..	8,268 68	
Cornelius W. Abbott, No. 315 W. German Street.	6,333 94	
Henry M. Eaton *et al*, Nos. 13-15 S. Charles Street and Nos. 3 and 5 W. German Street.....	21,588 50	
R. J. McCreery, Nos. 109 and 111 W. German St.	7,540 79	
S. J. Martenet & Co., plats, etc.....	88 00	
Brown, Marshall, Brune & Thomas, examination.	125 00	
Jas. S. Calwell, examination of titles	575 00	
H. E. Parkhurst, " " "	175 00	
Title Guar. and Trust Co., references to records of titles	295 00	
J. I. Cohen, examinations and verification records of titles	165 00	
F. W. Story, verification of abstract of titles....	10 00	
Advertising	159 95	
Recording	53 00	
Total expenditures		$166,261 73

WIDENING OF CHARLES STREET.

EXPENDITURES.

Citizens' Trust and Deposit Co., S. W. Cor. Baltimore and Charles Streets	$78,300 00	
Thos. A. Whelan *et al*, No. 48 S. Charles Street	5,065 63	
J. Hoffman Allan, No. 24 S. Charles Street	4,326 91	
Douglas H. Duer, Nos. 36 and 38 S. Charles St.	3,307 55	
Mrs. M. J. Bennett, Nos. 30, 32 & 34 S. Charles St.	5,462 23	
J. Hoffman Allan, Nos. 16 and 18 S. Charles St.	9,737 40	
Findlay & Mackenzie, No. 46 S. Charles Street	2,600 60	
E. C. Crawford, No. 14 N. Charles Street	8,487 84	
Wm. H. Lohmeyer, No. 16 N. Charles Street	7,932 90	
Jno. S. Bridges, No. 28 S. Charles Street	4,280 79	
A. S. Bouldin, surveying and plats	200 00	
S. J. Martenet & Co., " " "	33 00	
Title Guar. and Trust Co., reference to record of titles	537 85	
E. W. Herrman, examination of title	100 00	
James S. Calwell, " " "	200 00	
F. W. Story, verification of reference	20 00	
" " " examination of title	350 00	
Advertising	222 60	
Recording	38 50	
Total expenditures		$131,203 80

ST. PAUL STREET "PLAZA."

EXPENDITURES.

Law Building Co., S. W. Cor. St. Paul and Lexington Streets	$163,967 01	
Herald Publishing Co., N. W. Cor. St. Paul and Fayette Streets	299,800 30	
F. A. Pegram, examination of title, S. W. Cor. St. Paul and Lexington Streets	400 00	
Title Guar. and Trust Co., examination and insurance of title, N. W. Cor. St. Paul and Fayette Streets	762 00	
Pattison & Gahan, auctioneers' fees	20 00	
Advertising	739 50	
Recording	6 00	
Total expenditures	$465,694 81	
Receipts		
Sale of buildings	800 00	
Net expenditures		$464,894 81

WHITE & MARRIOTT A—VI (42).

Original Appropriation, from Burnt District Fund $1,200 00

EXPENDITURES.

Services rendered Board of Estimates, valuing property in Burnt District, Ord. No. 83, 1904	1,200 00

PURCHASE TRIANGULAR LOT, HANOVER, FAYETTE STS., ETC., A—VI (42).

Original Appropriation, from Burnt District Fund	$500 00
Amount carried forward to 1905	500 00

STREETS PAVED AND PAID BY ASSESSMENT.

	Ordinances. No.	Ordinances. Year.	Jan. 1, 1904 Dr. Balance.	Jan. 1, 1904 Cr. Balance.	Expenditures in 1904.	Receipts in 1904.	Balance Dr.	Balance Cr.
Aiken Street	79	1904			$ 37 35		$37 35	
*Chase Street	158	1903	$33 18		2,619 45	2,652 63		
Chesapeake Avenue	106	1904			36 05		36 05	
Clifton Avenue	155	1903	11 70		1,119 52	2,664 97		$1,533 75
Courtland Street	104	1904			53 68		53 68	
Ducatel Street	159	1903	35 58		51 81	2,639 39		2,552 00
Eighth Street	151	1903	11 70		31 45	754 73		711 58
Grove Street	51	1904			62 98		62 98	
Henry Street	60	1902		$469 45				469 45
Lamont Avenue	93	1904			70 51		70 51	
North Avenue	123	1896		459 89				459 89
Northwest Street	80	1902	77 85				77 85	
Patuxent Street	107	1904			32 39		32 39	
Payson Street	22	1903			59 73		59 73	
Smallwood Street	126	1904			34 58		34 58	
Stockholm Street	103	1902	38 82				38 82	
Tenth Street	149	1903	11 71		1,681 88	5,501 15		3,807 56
*Twelfth Street	152	1903	11 70		301 14	312 84		
Twenty-first Street	53	1904			48 64	966 66		918 02
Walbrook Avenue	52	1904			54 10		54 10	
*Paving footways						99 89		99 89
			$232 24	$929 34	$6,295 26	$15,592 26	$558 04	$10,552 14
Credit balances December 31, 1903			697 10					
Excess receipts over expenditures in 1903					9,297 00			
Credit balances December 31, 1904							9,994 10	
			$929 34	$929 34	$15,592 26	$15,592 26	$10,552 14	$10,552 14

Balance December 31, 1904	$9,994 10
*Streets completed and balances carried to Mayor and City Council	99 89
Net balance carried forward to 1905	$9,894 21
Receipts from City Collector	$15,592 26

PAVING AND REPAVING CROSS STREETS A—VI (43).

Original Appropriation			$30,000 00
Wages returned			1 67
Refunds not collected			9 33
Total credits			$30,011 00

EXPENDITURES.

For labor in repairing cross streets, resetting curb, gutter stones and flagstones	$7,169 86		
J. H. Atkinson, for cobblestone and gutterstone	655 98		
Daniel Leonard, for cobblestone	238 65		
Schwind Quarry Co., for cobblestone, crushed stone, stone dust and gutterstone	208 16		
I. H. Peddicord, for cobblestone and stone dust	89 65		
W. T. Hoffman, for sand	96 52		
H. A. Hoffman, " "	11 00		
Patrick Keelty, " "	116 20		
Anna Diller, " "	167 65		
Patapsco Sand Co., " "	6 40		
P. Flanigan, for cinders	1 50		
Storck & Cook, for lumber	80		
Eagle Oil Co., for oil	10 85		
Detrick & Harvey Machine Co., for cutting gutter-plates	3 00		
John Meers, for hauling flagstones	5 70		
Welsh, Gloninger and Maxwell, for vitrified bricks	161 00		
Filbert Paving and Construction Co., for sheet asphalt repairs to all intersections of asphalt paved streets	3,073 98		
		$12,016 90	

Street Intersections.

Walbrook Avenue and Monroe Street.
Walbrook Avenue and McKim Street.

Grading, 273 cubic yards at 50c	$136 50		
SIX-INCH CONCRETE FOUNDATION (58c. per square yard):			
Toltec cement, 395 bags at 30c	118 50		
No. 2 crushed stone, 96.8 cu. yds. at $1.55 No. 3 crushed stone, 2.45 cu. yds. at 1.80	154 45		
Gravel, 64 cubic yards at 83c	53 12		
Lumber	13 45		
Mixing and laying concrete	88 22		
BRICK PAVEMENT ($1.31 per sq. yd.):			
Repressed Brick, 18,105 at $23.00 per M Wire cut Brick, 14,000 at 21.00 per M	710 41		
Hauling brick, at $2.00 per M	72 00		
Counting, piling, etc	16 92		
Screened sand, 52 cubic yards, at $1.00	52 00		
Paving (labor)	110 28		
		1,525 85	
Amounts carried forward		$13,542 75	$30,011 00

Amounts brought forward		$13,542 75	$30,011 00

The intersection, formed by the Windsor Mill Road, 12th Street and Clifton Avenue, was shaped up, a gutter paved, and street macadamized, in connection with the paving of 12th Street, at a total cost as follows:

From final estimate on 12th Street	$165 69		
26.09 cu. yds. broken stone at $2.20	57 40		
Gas Company, moving street lamp	5 68		
Hauling curb and setting same	6 00		
Inspection and labor spreading stone	19 78		
		254 55	
Macadam gutters, etc., in connection with the paving of Clifton Avenue		1,558 73	
Cobblestone paving, etc., in connection with the paving of Chase Street		1,088 30	
Inspection on 10th Street		12 00	
Grading at Old York Road and Kennedy Lane		8 75	

Footway Repairs.

Repairs to footways in street intersections have been continued as heretofore by one bricklayer and one carter. The repairs cover the entire City and are usually small. A considerable time is expended in going from one job to another, where several jobs, sometimes from 4 to 8, are done in one day. The number of repairs made is 771, with an average of 45.5 square feet each. The total area laid with new brick is 5,158.8 square feet, and the area repaved with old brick is 29,578 square feet. The average cost of labor for both kinds of paving is 3.45 cents per square foot. The total cost of the work is as follows:

Labor, grading, paving, etc.	$1,209 10		
21,020 No. 2 brick, at $10.50 per M.	220 71		
3,000 No. 2 brick, at $9.00 per M.	27 00		
1,000 No. 1 hand-made brick	12 00		
78.9 cubic yards sand, at $0.8375	66 11		
		1,534 92	
New brick on hand at City yard, 2,950.			
Refund paving Eutaw Place		1 81	
Total expenditures			18,001 81
Surplus of credit			$12,009 19
Balance to surplus, 1904			12,009 19

FOOTWAY CROSSINGS A—VI (43).

Original Appropriation		$6,000 00
Balance brought forward from 1903		254 21
Total credits		$6,254 21

EXPENDITURES.

Material	$3,380 96	
Hauling	341 08	
Freight	4 50	
Inspection	81 24	
Labor	2,446 43	
Total expenditures		6,254 21

PAVING IN FRONT OF CITY PROPERTY A—VI (43).

Original Appropriation	$20,200 00
Balance brought forward from 1903	750 06
Total credits	$20,950 06

EXPENDITURES.

Footway pavements, around City parks and squares, were relaid and repaired where necessary. This work was done by City Engineer's Department this year for the first time. New footways were laid in front of two new school lots.

Location and Amount of Work.	*Cost.*	
Carroll Park, Columbia Avenue side:		
Repairs, 93 square feet	$ 7 13	
Federal Hill Park, Warren Avenue side:		
New pavement and repairs, 1,434 square feet.	128 87	
Riverside Park, Randall and Johnson Streets sides:		
Repairs, 409 square feet	17 77	
Patterson Park, Baltimore Street side:		
Repairs, 284 square feet	6 82	
Madison Square, Eager Street side:		
Repairs, 47 square feet	3 70	
Broadway Square, and Orleans Street:		
Repairs to cement walk	3 67	
Ashland Avenue and Chester Street:		
New pavement along school lot, 533 sq. ft.	42 82	
Monroe Street, near Harlem Avenue:		
New pavement along school lot, 1,778 sq. ft.	150 25	
Cromwell Street and Kennedy Lane, grading	1,637 92	
" " paving	1,410 18	
Chestnut " and Fourth Avenue, grading	1,467 44	
Millington Lane and Lehman Street, macadam	650 88	
Walbrook Avenue and Smallwood Street, paving	3,977 88	
Twenty-sixth Street, paving	1,094 66	
Lovegrove Alley, paving	245 04	
Ten-Foot " "	309 42	
Hargrove " "	153 23	
For labor and material in repaving alley in rear and gutter in front of engine house at Gold and McCulloh Streets	55 38	
For labor in front of school house on Washington Street, between North Avenue and Twentieth St.	20 41	
To I. H. Peddicord, for curb on Washington Street, between North Avenue and Twentieth Street	27 10	
To Eagle Oil Co., for coal oil and supplies	45	
" Schwind Quarry Co., for stonedust at Johnson and Heath Streets	5 38	
Total expenditures		11,416 40
Surplus of credit		$9,533 66
Balance to surplus, 1904		9,533 66

REPAIRS ROADS, STREETS, ETC. A—VI (43).

Original Appropriation		$180,450 00
Wages returned		60 29
Total credits		$180,510 29

EXPENDITURES.

Material.

Cobblestone, stonedust, crushed stone and curb	$27,251 40	
Belgian blocks	10 96	
Asphalt "	20,361 29	
Slag "	456 05	
Vitrified bricks	1,082 61	
Paving sand	8,051 18	
Screened "	274 86	
Cinders	11 05	
Cement	1,164 71	
Terra cotta pipe	197 10	
Rammer handles	24 00	
Lumber	180 02	
Steel	33 57	
Iron	41 20	
Hardware	233 12	
Filbert Paving and Construction Co., (sheet asphalt repairs)	17,477 97	
Oil, paint and waste	105 89	
Picks and crowbars	123 18	
Hauling	652 51	
Quarry refuse stone	23 20	
Consolidated Gas Co., for moving gas lamps back of curb line due to change of curb line on Howard Street	7 09	
Consolidated Gas Co., for transferring City lamp 4 feet back to curb line, N. E. Cor. Braddish and North Avenues.	4 30	
United E. L. & P. Co., repairing arc light cable, damaged by moving stumps, S. E. Cor. Calvert and Lombard Streets.	6 89	
United E. L. & P. Co., moving 3 poles on Viaduct Avenue, between Cedar Avenue and bridge	20 10	
Water Department, for changing water stops on Howard St. south of Conway.	24 58	
Water Department, one F. P. cap	2 34	
Drain pipe and inlet at Remington Avenue and 29th Street	39 49	
Electrical Commission, for wagons	492 56	
" " " raising distributing boxes at Chase Street and Lovegrove Alley	8 96	
Coal	16 00	
Rammers	43 50	
Brushes	27 00	
Toll (Balto. & Reisterst'n Turnpike Co.)	3 90	
Tapes	25 65	
Repairing water pipe and cellar drainer broken by workmen in turning them off	7 50	
Galvanized steel bars (curb)	220 80	
Amounts carried forward	$78,706 53	$180,510 29

Amounts brought forward	$78,706 53		$180,510 29
Frog castings for concrete curb	9 18		
Moving back awning poles due to change in curb line on Fell Street	10 50		
B. & O. car service	4 00		
P. Flanigan & Co., for repairing waste pipe 1017 N. Charles Street	7 00		
Sundries	7 50		
Total material		$78,744 71	

Distribution of Labor.

Repairing	1,996,759 sq. ft.	cobble paving	$53,912 49	
Relaying	107,762 lin. "	gutterstone	3,556 15	
"	279,030 sq. "	Belgian block	9,766 05	
Resetting	63,986 lin. "	curb	4,543 01	
"	30,502 sq. "	flagstones	2,470 66	
Laying	1,215 " yds.	asphalt block pavement	255 15	
Relaying	28,789 " "	asphalt block pavement	10,076 15	
Laying	1,446 " "	vitrified brick pavement	957 25	
Resetting	350 " ft.	gutterplates	17 50	
Laying	30,198 lin. "	new gutterstone	996 53	
"	3,357 " "	concrete gutter	95 52	
Repairing	734 " "	granolithic gutter	199 69	
Setting	1,626 " "	new curb	170 73	
"	501 " "	concrete curb	250 50	
Spreading and covering 19,213 sq. yds. macadam			960 65	
Laying 441 lin. ft. drain pipe			88 20	
Repairing and constructing 118 lin. ft. drain boxes			5 90	
Repairing 1,628 lin. ft. fencing			162 80	
Making concrete gutterstone, 3,357 lin. ft.			83 92	
Filling in washout, Beech Avenue, west of 10th Street			30 99	
Hauling and spreading quarry refuse on Franklin St., from Smallwood St. to B. & P. R'y, grading and ditching			108 00	
Cleaning 90,297 lineal feet of ditches in suburban roads; earth surfacing unpaved streets and roads			3,120 74	
Blacksmith and helper and other yard labor			2,303 11	
Emergency small gangs			6,279 42	
Building dam across Patuxent St., south of Lombard Street			43 08	
Filling in Twenty-ninth Street at Remington Avenue			111 99	
Surfacing and ditching Twenty-eighth St., from Mt. Vernon Ave. to Hampden Avenue			83 67	
Total labor				100,649 85
Amounts carried forward			$179,394 56	$180,510 29

Amounts brought forward			$179,394 56 $180,510 29

Items and Location.	*Labor.*	*Material.*		
12,005 wood blocks, at $52.85, for Calvert Street	.....	$634 46		
Hauling same to City Yard	$ 13 78	.....		
Repairs to steam road roller	71 45	45 79		
Footway on Marshall Avenue	79 45	83 59		
" north of Mt. Vernon Ave. bridge	.....	3 00		
" No. 20 E. Lexington St.	3 25	2 57		
" Lexington St. near Harrison Street	82	31		
" No. 415 S. Duncan Alley	1 63	63		
" North Avenue bridge	13 00	2 94		
" on Philadelphia Road	1 25	.....		
" east side of Cathedral St. near Biddle St	3 25	3 15		
" Nos. 104, 112, 114, 120 & 204 E. Lexington St.	3 25	84		
" east side Liberty St., north of Balto. St	6 50	42		
" south side of Fort Ave., near Belt St	88 00	27 85		
" south side of Oliver St., near Chester St	13 00	11 55		
	$298 63	$817 10		
Total labor and material			1,115 73	
Total expenditures				180,510 29

PRIVATE PAVING AND INSPECTION A—VI (43).

Balance brought forward from 1903		$2,238 32
RECEIPTS BY MONTHS:		
January	$4,573 95	
February	344 54	
March	959 48	
April	1,397 99	
May	1,156 41	
June	2,568 44	
July	1,365 26	
August	2,204 89	
September	5,760 49	
October	2,539 97	
November	2,964 35	
December	3,135 72	
		28,971 49
Total credits		$31,209 81
EXPENDITURES.		
Paid for material and labor for work done for private persons and corporations		27,014 65
Surplus of credits		$4,195 16
Balance carried forward to 1905		4,195 16

MONEYS RECEIVED BY THE CITY ENGINEER'S DEP'T A—VI (43).

Received from sale of old materials	$2,359 36	
" " " " dump tickets in Burnt Dist.	4,290 00	
" " " " dumping privileges " " .	299 00	
" " " " old material in " " .	1,214 50	
" " " " new brick	5 10	
" " rental of crusher	100 00	
		$8,267 96
Balance paid into the City Treasury		8,267 96

*Comparison with other years for sale of old material:

Year of 1900	$1,214 72
" " 1901	1,696 00
" " 1902	533 00
" " 1903	1,591 55
" " 1904	2,359 36

PAVING McCOMAS STREET A—VI (43).

Original Appropriation	$13,800 00

EXPENDITURES.

Asphalt block paving	3,276.07 sq. yds.	at	$2.39.	$7,829 81	
New 5-inch curb set	1,410.52 lin. ft.	at	1.06.	1,495 15	
Extra grading	409.66 cu. yds.	at	0.42.	172 06	
Old 4½-inch headers set	230.35 lin. ft.	at	0.26.	59 89	
Old curb redressed and reset	6.50 " "	at	0.44.	2 86	
Old curb reset	3.70 " "	at	0.20.	74	
New headers set	5.70 " "	at	0.82.	4 67	
Cobblestone repaving	20.03 sq. yds.	at	0.36.	7 21	
Flagstones reset	7.00 " ft.	at	0.10.	70	
Total paid contractor				$9,573 09	
Advertising, $25.17; inspection, $100.50				125 67	
Ditching, $5.25; 66 ft. 8-inch terra cotta pipe, $9.24.				14 49	
Total expenditures					9,713 25
Surplus of credit					$4,086 75
Balance to surplus, 1904					4,086 75

PAVING CERTIFICATES A—VI (43).

Balance brought forward from 1903	$8,572 13

EXPENDITURES.

Street.	*From.*	*To.*	*Certificate.*	
Mt. Royal Ave.	Guilford Ave.	Cathedral St.	$3,811 40	
Fulton Ave.	Presstman St.	Penna. Ave.	2,881 10	
Gay Street	Jones' Falls	Exeter Street.	438 17	
Augusta Ave.	Frederick Road	Walrad Street.	187 59	
Collins Ave.	" "	" "	192 66	
Calvert St. bridge (roadway)			432 36	
Total expenditures				7,943 28
Surplus of credit				$628 85
Balance carried forward to 1905				628 85

BURNT DISTRICT ACCOUNT A—VI (43).

GRADING, PAVING, ETC.

Original Appropriation from Burnt District Fund.....	$200,000 00
Wages returned	53 62
Total credits	$200,053 62

EXPENDITURES.

Work done under Assistant City Engineer, John S. Doyle:

Baltimore Street.

Grading	$1,245 87		
902 lineal feet of concrete curb.....	986 41		
1,618 " " " granite curb set....	127 82		
3,615 " " " gutterstone set.....	73 86		
1,268 square " " flagstone set.....	101 44		
5,253 " yds. " new Belgian blocks paved	10,335 33		
946 " " " old Belgian blocks paved	332 80		
4,170 " " " 6-inch concrete base	1,900 22		
Gutter-plates hauled to City yard.....	92 28		
Cleaning up	17 82		
Ripraping at Liberty, Charles and Calvert Streets	49 05		
Hauling gutterstone to storage lot....	39 60		
Moving building materials from line of work	117 18		
		$15,409 68	

German Street.

Gutter-plates sent to City yard.....	$ 6 95		
808 lineal feet of curbstone set.....	63 83		
518 " " " gutterstone set	10 36		
172 square " " flagstone set.....	13 76		
132 " " " cobblestone repaired..	3 96		
403 " " " Belg'n blocks repaired	90 60		
Grading	559 52		
		748 98	

Water Street.

548 lineal feet of concrete curb.....	$424 43		
Grading	899 03		
211 feet curbstone set	17 67		
540 feet gutterstone set	10 80		
87 square feet of flagstone set	6 96		
122 " yards Belgian blocks repaved	36 60		
6,546 " feet cobblestone "	193 38		
Gutter-plates sent to City yard.....	9 19		
		1,598 06	

Wine Alley.

264 feet of curb set.....	$ 20 12		
119 " " gutterstone set.....	2 38		
35 square feet of flagstone set.....	2 80		
436 " " " cobblestone paved....	14 32		
		39 62	
Amounts carried forward.....		$17,796 34	$200,053 62

Amounts brought forward		$17,796 34	$200,053 62
Lombard Street.			
Grading	$283 25		
1,971 lineal feet of curbstone set	158 51		
1,787 " " " gutterstone set	35 74		
535 square " " flagstone set	42 80		
4,921 " yds. old Belgian block paving	1,016 17		
Gutter-plates sent to City yard	5 62		
		1,542 09	
Balderston Street.			
Grading	$333 09		
713 lineal feet curbstone set	60 64		
77 " " gutterstone set	2 31		
Moving stone	11 25		
		407 29	
Pratt Street.			
25 sq. ys. Belgian block paving repaired		4 72	
Swan Street.			
Grading		152 74	
Hawk Street.			
Grading		57 97	
Sharp Street.			
Barricades erected	$9 89		
Grading	3 00		
		12 89	
Little Sharp Street.			
142 lineal feet of curbstone set	$12 78		
99 " " " gutterstone set	2 99		
60 square feet of flagstone set	6 00		
11 " yards Belgian block repaved.	4 45		
1,062 " feet cobblestone repaved	33 98		
Grading	15 29		
		75 49	
Hanover Street.			
81 lineal feet of curb set		5 13	
Charles Street.			
Gutter-plates sent to City yard	$ 4 88		
77 lineal feet curbstone reset	6 81		
Hauling curbstone	10 67		
95 lineal feet of concrete curb	102 90		
		125 26	
St. Paul Street			
Grading		80 72	
Light Street.			
Gutter-plates sent to City yard	$ 2 06		
Grading	759 95		
867 lineal feet of curbstone set	71 29		
988 " " " gutterstone set	19 76		
138 square " " flagstone set	10 88		
4,321 " yds. Belgian block paving	1,046 95		
		1,910 89	
Amounts carried forward		$22,171 53	$200,053 62

Amounts brought forward		$22,171 53	$200,053 62
Ellicott Street.			
88 lineal feet of curbstone set	$ 6 95		
20 square yards of Belgian block paved	6 00		
912 square feet of cobblestone paved	27 36		
Grading	26 44		
		66 75	
Grant Street.			
Grading	$112 62		
88 lineal feet of curbstone set	8 85		
		121 47	
Calvert Street.			
1,408 lineal feet of curbstone set	$111 43		
1,330 " " " gutterstone set	26 60		
2,410 square yards Belgian block paved	593 26		
Grading	666 85		
225 lineal feet concrete curb	191 71		
Gutter-plates sent to City yard	10 87		
		1,600 72	
Cheapside.			
Grading	$573 93		
449 lineal feet curbstone set	28 30		
		602 23	
Franklin Lane.			
Grading		97 11	
South Street.			
144 lineal feet gutterstone reset	$ 3 10		
44 square yards Belgian blocks repaved	17 43		
Removing old stone curb	7 40		
Gutter-plates sent to City yard	1 13		
380 lineal feet of concrete curb	306 81		
		335 87	
Holliday Street.			
185 lineal feet curbstone reset	$17 65		
63 " " gutterstone reset	1 89		
483 square feet cobblestone repaved	16 56		
Removing old granite curb	7 40		
191 lineal feet concrete curb	171 88		
		215 38	
Commerce Street.			
Grading		150 03	
Post Office Avenue.			
756 lineal feet gutter reset	$15 12		
160 square yards Belgian blocks repaved	34 91		
758 feet concrete curb	582 63		
Removing old granite curb	14 80		
		647 46	
Gay Street.			
Gutter-plates sent to City yard	$ 4 50		
60 lineal feet of concrete curb	29 61		
150 " " " curbstone reset	8 39		
113 " " " gutterstone reset	2 26		
31 square feet cobblestone repaved	93		
		45 69	
Amounts carried forward		$26,054 24	$200,053 62

Amounts brought forward		$26,054 24	$200,053 62
Frederick Street.			
60 lineal feet of concrete curb	$ 40 99		
Grading	227 91		
991 lineal feet of curbstone set	81 09		
1,200 " " gutterstone set	24 00		
132 square feet of flagstone set	10 56		
40 " yds. Belgian blocks paved	15 00		
18,047 " feet cobblestone paved	577 30		
		976 85	
Harrison Street.			
Grading	$25 00		
Gutter-plates sent to City yard	1 88		
249 lineal feet of curbstone set	67 23		
304 " " " gutterstone set	7 60		
80 square feet flagstone set	8 00		
5,258 " " cobblestone paved	128 46		
		238 17	
Centre Market Space.			
Grading	$455 00		
Gutter-plates sent to City yard	8 44		
		463 44	
Concord Street.			
Grading		130 05	
West Falls Avenue.			
Grading		50 57	
Materials on Hand.			
Belgian blocks	$5,975 00		
Curb bar	842 50		
		6,817 50	
Storage.			
Rent for use of bed of Hanover Street		100 00	
Tools.			
Labor	$14 05		
Batteries	6 00		
Packing	25		
Wrench	60		
		20 90	
Inspection of Materials, Watchmen, Etc.			
Watchmen	$477 06		
Inspectors	417 01		
		894 07	
Salaries.			
Assistant Engineer	$525 00		
Engineer Assistant	192 50		
Rodman	192 50		
Clerk	175 00		
		1,085 00	
Amounts carried forward		$36,830 79	$200,053 62

Amounts brought forward		$36,830 79	$200,053 62
Work done under Assistant City Engineer James A. Paige:			
Baltimore Street.			
New Belgian block paving, 14,739 sq. ft.	$3,810 96		
Belgian block repaving, 24,375 " "	1,023 75		
Laying new flagstones, 278 " "	105 64		
" old " 131 " "	10 48		
New concrete curb, 2,781 lin. "	2,465 06		
" gutterstone, 1,100 " "	374 00		
Old " relaid, 531 " "	21 24		
Concrete mixer and gasoline engine....	725 15		
Tools	70 80		
Blacksmithing	49 88		
Lumber	193 96		
Hauling	23 80		
Freight and expressage	32 86		
Drawing material, stationery and tape lines	55 40		
Labor, removing old blocks, curb and gutterstone and grading	5,414 37		
		14,377 35	
Light Street.			
Belgian block repaving, 15,915 sq. ft...	$ 668 43		
Old flags relaid, 179 " " ..	14 32		
" gutter relaid, 496 lin. " ..	19 84		
" curb reset, 438 " " ..	43 80		
Labor removing old Belgian blocks, gutter and curbstone and filling in Light Street to grade	2,215 26		
		2,961 65	
Lombard Street.			
Belgian block repaving, 2,070 sq. ft.....	$ 86 94		
Gutter relaid, 124 lin. "	4 96		
Curb reset, 126 " "	12 60		
Labor removing old Belgian blocks, curb and gutterstone and filling street to grade	1,967 61		
		2,072 11	
Sharp Street.			
Lumber for runways	$ 11 22		
Labor, grading	955 36		
		966 58	
Grant Street.			
Old curb reset, 180 lin. ft.....	$ 18 00		
" gutter relaid, 142 " "	5 96		
Labor, filling street to grade and grading	300 57		
		324 53	
Pratt Street.			
Labor, Belgian block repaving, account B. & O. R. R. temporary tracks, 3,678 square feet.....		181 46	
Amounts carried forward		$57,714 47	$200,053 62

Amounts brought forward		$57,714 47	$200,053 62
On the following main streets, only the paving material and curb was removed from the street beds, and some grading done:			
Balderston Street	$ 33 23		
Calvert "	239 74		
Elliott "	63 46		
Gay "	118 26		
Mercer "	475 31		
St. Paul "	50 49		
Water "	331 86		
Alley between Lombard and German and Charles and Light Streets	36 08		
		1,348 43	
Work done under Assistant City Engineer O. W. Connet:			
Paving the footways on the south side of Baltimore Street west of the bridge, at a total cost of		49 80	
Work done under Ass't City Engineer N. M. Gray:			
Pipe sewer in Calvert Street, from Lombard to German Street.			
Terra cotta pipe	$184 10		
Bricks	19 57		
Cement	18 16		
Covering and drip stones	36 80		
Manhole frames and covers	27 20		
Sand	5 44		
Labor, superintendence and incidentals	504 00		
		795 27	
NEW INLETS.			
N. W. Cor. Light and Balderston Sts.:			
Labor	$119 91		
Material	76 49		
		196 40	
N. W. Cor. Light and Lombard Sts.:			
Labor	$143 88		
Material	113 33		
		257 21	
N. W. Cor. Calvert and Lombard Sts.:			
Labor	$167 24		
Material	73 57		
		240 81	
N. E. Cor. Calvert and Lombard Sts.:			
Labor	$143 85		
Material	59 71		
		203 56	
Calvert Street near Pratt Street:			
Labor	$ 12 00		
Material	19 89		
		31 89	
Amounts carried forward		$60,837 84	$200,053 62

Amounts brought forward		$60,837 84	$200,053 62
N. W. Cor. Baltimore and Charles Sts.:			
Labor	$159 45		
Material	96 70		
		256 15	
N. E. Cor. Baltimore and Charles Sts.:			
Labor	$273 17		
Material	59 67		
		332 84	
N. W. Cor. Charles and Lombard Sts.:			
Labor	$118 10		
Material	55 58		
		173 68	
N. E. Cor. Charles and Lombard Sts.:			
Labor	$ 57 94		
Material	18 99		
		76 93	
S. E. Cor. Marsh Market Space and Baltimore St.:			
Labor	$103 43		
Material	55 02		
		158 45	
S. W. Cor. Marsh Market Space and Baltimore St.:			
Labor	$157 49		
Material	113 72		
		271 21	
N. W. Cor. Harrison and Balto. Sts.:			
Labor	$ 66 67		
Material	32 79		
		99 46	
N. E. Cor. Harrison and Balto. Sts.:			
Labor	$ 47 50		
Material	29 56		
		77 06	
German and Charles Sts. (not finished):			
Labor	$173 89		
Material	49 36		
		223 25	
N. W. Cor. Light and Pratt Sts.:			
Labor	$176 40		
Material	73 48		
		249 88	
N. E. Cor. Light and Pratt Sts. (not finished):			
Labor	$ 29 67		
Material	33 83		
		63 50	
CLOSING UP OLD INLETS.			
N. W. Cor. Light and Balderston Sts....	$ 5 75		
N. E. " " " " "	5 75		
S. W. " " " " "	5 75		
S. E. " " " " "	5 75		
N. E. and N. W. Cors. Light and Lombard Streets	5 75		
N. E. & N. W. Cors. Calvert & Pratt Sts.	59 88		
		88 63	
Total expenditures			62,908 88
Surplus of credit			$137,144 74
Balance carried forward to 1905			137,144 74

BURNT DISTRICT ACCOUNT A—VI (43).

LANDMARKS IN BURNT DISTRICT.

Original Appropriation from Burnt District Fund	$4,000 00
EXPENDITURES.	
Balance carried forward to 1905	4,000 00

BURNT DISTRICT ACCOUNT A—VI (43).

REPAIRS TO JONES' FALLS WALLS.

Original Appropriation from Burnt District Fund	$11,000 00
EXPENDITURES.	
Balance carried forward to 1905	11,000 00

STREET CARTS AND MEN A—VI (44).

Original Appropriation		$84,240 00
Transferred from Contingent Fund		8,120 43
		$92,360 43
EXPENDITURES.		
January	$10,995 75	
February	6,264 13	
March	9,436 50	
April	11,781 00	
May	6,613 50	
June	6,598 50	
July	7,785 00	
August	5,677 50	
September	6,318 00	
October	7,671 00	
November	6,361 50	
December	6,858 05	
Total expenditures		92,360 43

Ninety to one hundred and twenty men and carts employed during the year collected 341,952 loads, including 186,766 loads of snow.

SWEEPERS AND SCRAPERS A—VI (44).

Original Appropriation		$83,200 00
Transferred from Contingent Fund		5,478 58
Total credits		$88,678 58
EXPENDITURES.		
January	$10,510 46	
February	6,952 15	
March	7,756 84	
April	10,159 87	
May	6,748 10	
June	7,970 28	
July	6,228 66	
August	7,774 77	
September	5,940 45	
October	6,682 23	
November	5,813 64	
December	6,108 93	
Total expenditures		88,646 38
Surplus of credit		$32 20
Balance to surplus, 1904		32 20

One hundred and sixty to three hundred men were employed as sweepers and scrapers during the year for collection of snow, ice and street dirt.

SWEEPING MACHINES, SPRINKLERS, ETC. A—VI (44).

Original Appropriation		$25,000 00
EXPENDITURES.		
P. F. Reddington, Contractor, sweeping 1,876 miles of streets at $2.23, to June 1	$4,183 37	
J. L. Vaith, repairs, etc	94 55	
F. Beck, storage, tools, etc	60 00	
Balto. Cooperage Co., tank for sprinkler	39 00	
P. Flanigan, extra sprinkling	300 00	
Advertising proposals, sundry papers	124 47	
Studebaker Bros., 1 sprinkler	350 00	
Austin & Weston Co., 1 "	306 68	
" " " " machines and casting	861 88	
F. Beck & Co., machine brooms	3,528 00	
Aug. Uphoff, repairs on machines	1,480 16	
Balto. Sanitary Cont'g Co., horses for machines, etc., $2.98 per team per contract	6,461 62	
J. L. Wickes, Commissioner, weekly pay rolls for drivers and laborers	4,946 58	
Dietrich Bros., tools	20 00	
Bolton Bros., supplies, paint, oil, etc	396 54	
Chas. Hvass & Co., 2 sweepers	600 00	
Sam'l A. Rice, livery	60 00	
Geo. P. Thomas, Jr., rubber boots	21 00	
H. H. Meyer, link, chain and bar	13 02	
Reade Manf'g Co., herbeside	27 64	
Balto. Transfer Co., hauling sweepers	33 80	
Murrill-Keizer Co., casting for sweeper	69 85	
Park Commissioners, sprinkling	975 00	
Sundry small bills	45 05	
Total expenditures		24,998 21
Surplus of credit		$1 79
Balance to surplus, 1904		1 79

TOOLS, REPAIRS, ETC. A—VI (44).

Original Appropriation		$2,500 00
Transferred from Contingent Fund		293 03
Total credits		$2,793 03
EXPENDITURES.		
Brooms	$1,633 00	
Repairs on tools and sharpening picks	623 68	
Oil, tools and supplies	142 90	
Rent for tool rooms in districts	226 00	
Shovels and picks	91 50	
Pick handles	12 24	
Hardware	12 00	
Repairing sprinkling cans	9 90	
Sprinkling cans	15 00	
Repairing tires	5 50	
C. H. Merryman, repairs	4 70	
Sundry small bills	13 53	
Total expenditures		$2,789 95
Surplus of credit		$3 08
Balance to surplus, 1904		3 08

REVENUE.

Jos. W. Funk, Caroline St. dump, street dirt	$ 243 50	
R. Hefferan, street dirt	10 50	
J. Reinhart, Schr. "Francis," 1 load street dirt	6 00	
Com'rs of Easton, Md., rent for sprinkler	20 00	
J. C. Armiger & Bro., street dirt	15 30	
Jas. Morrison, Schr. "Clyde," street dirt	20 10	
Park Board, street dirt to parks	1,161 60	
" " " "	1,881 30	
Schr. "Industry," street dirt	10 00	
Thos. Bond & Son, street dirt	10 40	
Sundries	17 27	
Total receipts		$3,395 97
Balance paid into the City Treasury		3,395 97

SPRINKLING ROADS, Etc. A—VI (44).

Original Appropriation	$1,000 00

EXPENDITURES.

Baltimore Sanitary Contracting Co., sprinkling	$ 363 56	
P. Flanigan & Co., sprinkling	31 00	
United Electric Railway Co., sprinkling	169 42	
" " " "	166 75	
Baltimore Sanitary Contracting Co., sprinkling	198 80	
Total expenditures		929 53
Surplus of credit		$70 47
Balance to surplus, 1904		70 47

PRIVATE CLEANING AND SWEEPING.

Received for work done for private persons	$46 43
Balance paid into the City Treasury	46 43

REMOVAL OF DEBRIS.

Received from sale of 144,234 dump tickets at 20c., from Mar. 11 to July 27	$28,846 80
" " " " lumber, etc	594 86
Total receipts	$29,441 66

EXPENDITURES.

Paid for lumber	$2,701 57	
Carpenter's pay rolls, building platforms	2,165 41	
Hardware	190 82	
Weekly pay rolls on platforms for labor, etc	9,057 75	
Balto. & Ohio R. R., removing 144,234 cubic yards debris, car service, etc	15,022 08	
Small bills, printing, etc	304 03	
Total expeditures		29,441 66

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund		$3,462 67
EXPENDITURES.		
Cleaning streets and removing debris in Burnt Dist.	$3,362 67	
Repairs to tools	100 00	
Total expenditures		,3,462 67

BURNT DISTRICT ACCOUNT.

Original Appropriation from Burnt District Fund		$15,000 00
EXPENDITURES.		
Sprinkling in Burnt District and vicinity	$2,740 54	
Balto. & Ohio R. R., car service	3,239 90	
M. F. Horner, scow service	1,340 26	
H. P. McElroy, repairing wagon	100 00	
J. L. Vaith, repairing tools	75 65	
John T. Donohue Co., tools	54 00	
J. Limerick, badges	75 00	
Sundry small bills	34 43	
Weekly pay rolls for carts and sweepers, from June 4th to December 31st	7,332 89	
Total expenditures		14,992 67
Surplus of credit		$7 33
Balance to Burnt District Fund		7 33

GAS AND MAINTENANCE A—VI (45).

Original Appropriation		$135,392 70
EXPENDITURES.		
Total cost for maintaining and operating street gas lamps, which includes rental of burners, mantels, fixtures, repairs and lamplighters' salaries, as per contract price	$83,507 51	
Total cost for gas supplied to street lamps, as per contract	47,849 37	
Total cost for gas supplied to City markets, halls and Washington Monument	488 96	
Brass meter seals	135 00	
Glass and enameled street signs	211 31	
Gas meter prover, fixtures, water heater, etc	275 64	
Livery for 3 horses and wagons	775 00	
Salaries incident to this account	617 45	
Connecting gas service to street lamps	1,097 87	
Repairs to wagons and harness	82 00	
Hiring extra teams—removing disconnected lamp-posts from Burnt District	81 00	
Extra labor—testing gas meters	156 75	
Miscellaneous items: Hardware, paints, solder, couplings, fittings, zinc, etc	67 73	
Total expenditures		135,345 59
Surplus of credit		$47 11
Balance to surplus, 1904		47 11

ELECTRIC LIGHTS AND MAINTENANCE A—VI (45).

Original Appropriation		$160,147 00
EXPENDITURES.		
Total cost for maintaining and operating electric arc lamps, as per contract	$156,496 44	
Total cost for maintaining and operating 26 electric arc lamps in parks and squares, adjoining public streets, as per contract	2,824 33	
Total cost for incandescent electric lights in No. 6 Engine House clock	169 20	
Cost of labor for changing locations of electric arc lamps throughout the City, as directed by the Department	188 77	
Installing and repairing electric ammeters	70 10	
Enameled and glass street signs	264 24	
Charts for ammeters	19 50	
Miscellaneous items: Extra current, drilling and tapping wires, set screws, etc	48 69	
Total expenditures		160,081 27
Surplus of credit		$65 73
Balance to surplus, 1904		65 73

NAPHTHA LAMPS AND MAINTENANCE A—VI (45).

Original Appropriation		$24,720 08
EXPENDITURES.		
Total cost for maintaining and operating naphtha (incandescent) street lamps, which includes rental of burners, mantels, fixtures, repairs and salaries of lamplighters, as per contract		24,650 14
Surplus of credit		$69 94
Balance to surplus, 1904		69 94
REVENUE.		
Fees for inspecting and testing gas meters	$2,886 75	
Refunded--account of incorrect and defective meters	44 00	
		$2,842 75
Total receipts from sale of old material		79 71
Total revenue		$2,922 46
Balance paid into the City Treasury		2,922 46

GARBAGE COLLECTION AND DISPOSAL (Contract) A—VI (46).

Original Appropriation	$195,800 00

EXPENDITURES.

January, Baltimore Sanitary Contracting Co.	$16,316 67
February " " " "	16,316 67
March " " " "	16,316 67
April " " " "	16,316 67
May " " " "	16,316 67
June " " " "	16,316 67
July " " " "	16,316 67
August " " " "	16,316 67
September " " " "	16,316 66
October " " " "	16,316 66
November " " " "	16,316 66
December " " " "	16,316 66
Total expenditures	195,800 00

NOTE.—Collected 57,247 sanitary cart loads garbage, equivalent to 76,329 City carts—being one-third larger.

Collected 181,256 sanitary cart loads ashes and refuse, equivalent to 241,675 City carts.

CLEANING SEWERS AND INLETS A—VI (47).

Original Appropriation	$17,454 00
Transferred from Contingent Fund	107 96
Total	$17,561 96

EXPENDITURES.

52 weekly pay rolls	$15,285 87
J. L. Vaith, repairs	444 75
Dietrich Bros., hoes and repairs	93 83
Fred. Beck & Co., brooms	217 00
Geo. P. Thomas, Jr., hose and boots	549 69
H. H. Meyer, picks and handles	23 45
H. P. McElroy, repairing wagon	111 00
Anderson & Ireland, pick handles	18 00
Aug. Uphoff, repairs and tools	12 00
E. J. Codd Co., repairs to dump carts	69 91
U. S. Sanitary Co., sewer cart	185 00
P. J. Healy & Co., sewer cleaning machine	340 00
Bolton Bros., sundry supplies	50 40
Board of Fire Commissioners, hose	90 00
Carlin & Fulton, tools	15 35
Baltimore Malleable Co., plug keys	21 80
Sundry small bills	33 61
Total expenditures	17,561 66
Surplus of credit	$ 30
Balance to surplus, 1904	30

Fifteen to twenty-five men were employed with 2 to 3 carts, and removed 10,000 loads from sewers and inlets.

IMPROVEMENTS AND ADDITION TO DRAINAGE SYSTEM A—VI (47).

Original Appropriation			$5,000 00

EXPENDITURES.

Box sewer at Lombard and Patuxent Streets:			
Terra cotta pipe	$ 76 44		
Lumber	216 55		
Labor	137 81		
Incidentals	20 77		
		$ 451 57	
New inlets to existing sewers		3,357 84	
Oval manholes put on (93)		1,190 59	
Total expenditures			5,000 00

REPAIRS TO SEWERS A—VI (47).

Original Appropriation			$24,100 00
Balance brought forward from 1903			860 41
Wages returned			1 67
Total credits			$24,962 08

EXPENDITURES.

New inlets to existing sewers		$656 92	
Oval manholes put in		16 91	
Central Avenue sewer:			
Removal of old arch, excavation and refilling 469 cubic yards at $1.30	$ 609 70		
Brick masonry, arch and side walls, including bricks, sand, cement and labor, 192 5-10 cubic yards at $8.40	1,617 00		
Invert, vitrified brick, including bricks, sand, cement and labor, 242 2-10 sq. yds. at $2.00	484 40		
Stone masonry, including cement, sand and labor, 131 cubic yards at $3.86	505 66		
Concrete foundations and skewbacks, including stone, cement, sand and labor, 79.5 cubic yards at $5.74	456 33		
Hardware, tools, lumber, making and moving centre, pumping, etc	644 29		
Water Department, moving pipe	22 89		
Repairing old arch	82 84		
Repaving over sewer	556 98		
Foreman	233 00		
Watchman	124 00		
Taking down derrick and hauling to yard	68 75		
		5,405 84	
Amounts carried forward		$6,079 67	$24,962 08

Amounts brought forward		$6,079 67	$24,962 08
Merryman's Avenue sewer:			
Excavation, including timbering and refilling, 612 cubic yards at 66c	$ 403 92		
495 feet 30-inch terra cotta pipe at $2.64 (less 2% discount)	1,280 66		
Laying pipes, including cement, sand and labor, 512 lineal feet at 22c	112 64		
Inlets, curves, manholes and chambers	424 59		
Tearing out box drain and filling in trench	96 25		
Lumber, hardware and hauling	76 92		
Incidentals, such as pumping, etc	43 60		
Foreman	181 00		
Watchman	24 00		
Value of materials sent to storage yard	69 47		
		2,713 05	
Terra cotta pipe	$278 12		
Bricks	6 44		
Cement	2 76		
Labor, superintendence and incidentals	282 49		
		569 81	
Centre Street sewer:			
Granite blocks	$172 40		
Sand	16 15		
Cement	56 20		
Labor, superintendence and incidentals	697 86		
		942 61	
Lovegrove Alley sewer:			
Granite blocks	$ 270 03		
Cement	93 58		
Sand	18 70		
Labor, superintendence and incidentals	1,030 19		
		1,412 50	
Sewer at North Ave. and Chester St.:			
Granite blocks	$ 457 40		
Cement	158 69		
Sand	31 45		
Labor, superintendence and incidentals	1,438 59		
		2,086 13	
Reconstruction of existing inlets		2,174 67	
Inlet and minor sewer repairs		6,875 57	
Private drains repaired		144 58	
Total expenditures			22,998 59
Surplus of credit			$1,963 49
Balance to surplus, 1904			1,963 49

CARROLLTON AVE. AND FRANKLIN ST. SEWER A—VI (47).

Original Appropriation		$3,500 00

EXPENDITURES.

Excavation, including timbering and refilling, 850 cubic yards at $.951	$808 33	
368 lineal feet 24-inch terra cotta pipe, at $1.274	468 83	
418 " " 18- " " " " " $.6664	278 56	
Laying pipe, including sand, cement, etc., 831.41 lin. feet at $.2377	197 64	
Inlets, manholes, chambers, etc	759 34	
Incidentals, lumber, hauling, hardware, tools, etc	165 40	
Repaving over sewer	178 46	
Watchman	57 60	
Foreman	238 50	
8-inch drain pipe relaid, 110 feet	7 85	
Value of material sent to storage yard	7 64	
Total expenditures		3,168 15
Surplus of credit		$331 85
Balance to surplus, 1904		331 85

EDMONDSON AVE. AND WOODYEAR ST. SEWER A—VI (47).

Original Appropriation		$3,332 00
Wages returned		5 00
Total credits		$3,337 00

EXPENDITURES.

Excavation, including timbering and refilling, 644 cubic yards at $1.2015	$773 83	
438 lineal feet 24-inch terra cotta pipe, at $1.2379	558 01	
192 " " 20- " " " " " $.8820	169 34	
Laying pipe, including sand, cement, etc., 636.48 lin. ft. at $.2882	183 46	
Inlets, manholes, chambers, etc	699 35	
Incidentals, hardware, lumber, hauling, tools, etc	138 55	
Removing gas pipes	10 05	
" water pipes	25 05	
Repaving over sewer	342 79	
Watchman	41 17	
Foreman	247 00	
Value of material sent to storage yard	1 91	
Total expenditures		3,190 51
Surplus of credit		$146 49
Balance to surplus, 1904		146 49

LAURENS STREET AND PATTERSON AVENUE SEWER.

Original Appropriation $8,000 00

EXPENDITURES.

Excavation, including timbering and refilling, 1,600 cubic yards at $1.0287	$1,645 94	
850 lineal feet 30-inch terra cotta pipe, at $2.5872	2,199 12	
455 " " 27- " " " " " $1.9991	909 63	
Laying pipe, includ'g sand, cement, etc., 1,316.61 lin. ft. at $.1613	212 45	
Inlets, manholes, chambers, etc	1,725 90	
Incidentals, lumber, hardware, hauling, tools, etc	292 33	
Removing water pipes	118 30	
Repaving over sewer	410 95	
Foreman	408 50	
Value of material sent to storage yard	76 88	
Total expenditures		8,000 00

WEST LANVALE STREET SEWER A—VI (47).

Original Appropriation $604 00

EXPENDITURES.

Balance carried forward to 1905	604 00

SUNDRY SEWERS A—VI (47).

Original Appropriation $41,400 00

EXPENDITURES.

Ogier's Run sewer:

Excavation, including timbering and refilling, 1,222 cu. yds. at $1.00	$1,222 00		
Concrete, including stone, sand, cement and labor, 652.4 cu. yds. at $4.75	3,098 90		
Brick invert, including bricks, sand, cement and labor, 383.4 sq. yds. at $2.37	908 66		
Inlet, manhole and connecting chamber	323 79		
Masonry wall at north end of sewer	22 17		
Digging trench at north end of sewer	60 42		
Foreman	299 00		
Watchman	144 00		
Carpenter	185 00		
Building dams, centres, pumping, hauling, etc	466 74		
		$6,730 68	

Harris Creek sewer extension:

Excavation, including timbering and refilling, 279 cubic yards at $1.32	$368 28		
Concrete, including stone, cement, sand and labor, 115.3 cu. yds. at $5.05	582 27		
Amounts carried forward	$950 55	$6,730 68	$41,400 00

Amounts brought forward.....	$950 55	$6,730 68	$41,400 00
Brick invert, including bricks, sand, cement and labor, 109.5 sq. yds. at $2.08.	227 76		
Forms for concrete and brickwork....	42 50		
Building centres, etc.....	30 00		
Building temporary bridge over Phila. Road, temporary inlet, pumping, ditching, etc.....	156 07		
Terra cotta pipe for inlet connections..	3 60		
Filling in Phila. Road over sewer.....	128 41		
Water Dept., for supply connections....	16 37		
Foreman	134 00		
Watchman	74 00		
Carpenter	38 13		
		1,801 39	
Fayette Street sewer:			
Excavation, including timbering and refilling, 2,147 cu. yds. at $1.15	$2,469 05		
1,122½ lin. ft. 36-inch terra cotta pipe at $3.99 (less 2% discount).....	4,389 20		
Laying pipes, including sand, cement and labor, 1,178 lin. ft. at $.32.....	376 96		
Inlets, connect'g chambers and manholes	1,642 40		
Hardware, tools and building cement house	149 80		
Consol. Gas Co., for moving lamp post..	6 15		
Repaving over trenches and intersections	344 43		
Incidentals, such as watchmen, building dams, pumping, cleaning up street, etc.	396 74		
Foreman	280 00		
Material sent to storage yard	342 12		
Hauling material to yard	17 00		
		10,413 85	
Lateral sewer in North Montford Ave.:			
Excavation, including timbering and refilling, 1,165 cu. yds. at $1.00.....	$1,165 00		
422 lin. ft. 30-inch terra cotta pipe at $2.64 (less 2% discount).....	1,091 80		
352 lin. ft. 24-inch terra cotta pipe at $1.30 (less 2% discount).....	448 45		
Laying pipe, including sand, cement and labor, 815 lin. ft. at $.26.....	211 90		
Inlets, connect'g chambers and manholes	1,084 61		
Hardware, tools, etc.....	69 14		
Incidentals, such as building dams, pumping, cleaning up street, etc.....	163 51		
Foreman	280 00		
Repaving over trenches and intersections	370 14		
Consol. Gas Co., moving lamp post....	5 55		
Material sent to storage yard.....	59 50		
Hauling material to yard	6 00		
		4,955 60	
Lateral sewer in South Montford Ave.:			
Excavation, including timbering and refilling, 491 cu. yds. at $1.00.....	$ 491 00		
470 lin. ft. 24-inch terra cotta pipe, at $1.30 (less 2% discount).....	598 78		
Laying pipe, including sand, cement and labor, 467 lin. ft. at $.20.....	93 40		
Amounts carried forward.....	$1,183 18	$23,901 52	$41,400 00

Amounts brought forward	$1,183 18	$23,901 52	$41,400 00
Inlets, connect'g chambers and manholes	717 37		
Hardware, hauling, etc	64 54		
Consol. Gas. Co., moving lamp post	5 55		
Repaving over trench and intersection	263 19		
Incidentals, such as building dams, pumping, cleaning up street, etc	105 94		
Foreman	168 00		
		2,507 77	
Montford Avenue sewer:			
Excavation, including refilling, 275 cu. yds. at 80c	$220 00		
342 lin. ft. 20-inch terra cotta pipe at 90c. (less 2% discount)	301 64		
Laying pipe, including sand, cement and labor, 342 lin. ft. at 18c	61 56		
Inlets, connect'g chambers and manholes	457 04		
Hardware, tools and hauling	37 00		
Incidentals	62 47		
Foreman	108 00		
		1,247 71	
Lawrence and Clement Sts. sewers:			
Excavation, including timbering and refilling, 1,100 cu. yds. at $1.2793 plus	$1,407 32		
337.5 lin. ft. 30-inch terra cotta pipe at $2.5872 plus	873 18		
310 lin. ft. 24-inch terra cotta pipe at $1.274 plus	394 94		
496 lin. ft. 20-inch terra cotta pipe at $.8820	437 48		
Laying pipe, including sand, cement, etc., 1,184.23 lin. ft. at $.2245	265 87		
Inlets, chambers, brick curves, etc	1,343 87		
Incidentals, lumber, hardware, hauling, tools, etc	89 04		
Removing gas pipe	4 04		
Repaving over sewer	240 75		
Foreman	383 00		
Value of material sent to storage yard	108 07		
		5,547 56	
Webster Street sewer extension:			
Excavation, including timbering and refilling, 354 cu. yds. at $1.2379	$438 22		
518 lin. ft. 20-inch terra cotta pipe at $.882	456 88		
Laying pipe, including cement, sand, etc., 531.62 lin. ft. at $.1266	67 32		
Inlets, manholes and chambers	335 57		
Incidentals, hardware, tools, etc	24 84		
Watchman	8 79		
Foreman	136 00		
Value of material sent to storage yard	1 76		
		1,469 38	
Baker Street sewer:			
Excavation, including timbering and refilling, 260 cu. yds. at $1.0156	$264 06		
316 lin. ft. 20-inch terra cotta pipe at $.882	278 71		
Amounts carried forward	$542 77	$34,673 94	$41,400 00

Amounts brought forward	$542 77	$34,673 94	$41,400 00
Laying pipe, including cement, sand, etc., 321.85 lin. ft. at $.1356	43 66		
Inlets, manholes, chambers, etc.....	351 37		
Incidentals, lumber, hardware, tools, etc.	25 76		
Watchman	64 43		
Foreman	158 00		
Value of material sent to storage yard.	25 94		
		1,211 93	
Hickory Avenue sewer:			
Excavation, including timbering and refilling, 491 cu. yds. at $.951	$466 97		
290 lin. ft. 24-inch terra cotta pipe at $1.3584	393 96		
Laying pipe, including sand, cement, etc., 290 lin. ft. at $.2256.....	65 44		
Inlets, manholes, chambers, etc.....	801 86		
Incidentals, hardware, hauling, tools, etc.	59 13		
Watchman	34 14		
Foreman	196 50		
Value of material sent to storage yard.	84 08		
		2,102 08	
Total expenditures			37,987 95
Surplus of credit			$3,412 05
Balance to surplus, 1904			3,412 05

MAINTENANCE BRIDGES AND CULVERTS A—VI (48).

Original Appropriation	$40,000 00
Balance brought forward from 1903.....	293 42
Wages returned	10 00
Total credits	$40,303 42

EXPENDITURES.

Light Street bridge:	*Labor.*	*Material.*	*Total.*
Engineer and bridge tenders..	$3,166 08	.....	
Coal, $299.83; h'dware, oil, etc.	.....	$335 80	
Repairs and renewal of roadway floor*.....	628 99	393 88	
Repairs and renewal of footway floor	30 95	.....	
Repairs to trestle work.....	74 80	15 84	
" " machinery and boilers	194 19	197 36	
New 18-H. P. vertical boiler.	.....	160 00	
Repairs to buildings.....	38 52	21 08	
" " handrail	128 35	24 35	
Fenders around draw pier...	112 76	32 81	
Sweeping bridge	89 34	.....	
New lumber (not yet used).	.....	1,414 80	
Piling and cutting plank....	41 24	.....	
Cutting ice	50 83	4 75	
New pier, account "Katahdin"	593 79	984 67	
Old draw pier and south bulkhead	29 81	37 59	
	$5,179 65	$3,622 93	
Amounts carried forward.....		$8,802 58	$40,303 42

*The total cost of the roadway floor should include $2,297.66 worth of new lumber purchased in December, 1903, and laid this year.

Amounts brought forward	$8,802 58	$40,303 42

The total number of openings of the draw was 10,884.

The following table gives the travel across the bridge and through the draw:

Travel across bridge.		*Travel through draw.*	
Double teams.	86,071	Tugs	9,953
Single teams..	99,684	Scows	5,099
Street cars....	73,859	Schooners....	645
Mail cars.....	7,948	Sloops.....	419
Funerals.....	836	Steamers	397
		Rafts.....	29
		Barges.....	355

The approximate tonnage of the different kinds of materials passing through the draw is as follows:

	Tonnage through draw.
Mud	634,080
Coal	49,459
Lumber	32,666
Oil	21,987
Ice	17,010
Wood	8,789
Brick	6,838
Garbage	6,255
Marble	4,791
Fertilizer	3,293
Sand	3,118
Stone	2,390
Sundries	2,084
Total	792,760

	Labor.	*Material.*	
Argyle Avenue:			
Repairs to footway	$ 11 09	$ 11 74	$ 22 83
Baltimore Street:			
Scraping and scaffolding	119 25	4 60	
Painting (Etna iron)	166 69	74 38	
	$285 94	$ 78 98	364 92
Biddle Street:			
Vitrified brick roadway	289 14	823 57	1,112 71
Block Street:			
Salaries	1,406 25	.....	
Supplies	.....	55 71	
Repairs to machinery	1 50	.....	
" " footways	39 65	10 97	
Fenders on piles	31 06	.....	
	$1,478 46	$ 66 68	1,545 14
Amounts carried forward			$11,848 18 $40,303 42

	Labor.	*Material.*	*Total.*	
Amounts brought forward			$11,848 18	$40,303 42
Calvert Street:				
Scraping and scaffolding	394 19	1 38		
Painting (metallic brown, Etna, Nobrac, Keystone and rubber	328 56	168 11		
New cement footway and inspection	36 00	1,121 21		
Repairing name plates	1 84	1 75		
	$760 59	$1,292 45	2,053 04	
Calverton Road culvert:				
Extending wing walls	40 83	16 53	57 36	
Canton Avenue:				
Repairs to footway	5 83	9 43		
New top roadway floor	100 09	38 95		
	$105 92	$ 48 38	154 30	
Cedar Avenue:				
Tearing up old top floor	28 58	.....		
New top roadway floor	69 03	517 86		
Replacing guardrail	13 00	2 75		
	$110 61	$520 61	631 22	
Charles Street:				
Scraping and scaffolding	457 62	4 00		
Painting (metallic brown)	327 07	93 10		
Taking out slot rails, City	22 53	1 98		
	$807 22	$99 08	906 30	
Chase Street:				
Repairs to footway	6 42	13 61		
Repairs due to expansion of blocks	59 38	9 17		
	$ 65 80	$ 22 78	88 58	
Chesapeake Ave. culvert:				
Laying 30-in. T. C. pipe	111 25	198 85		
Filling	86 19	.....		
	$197 44	$198 85	396 29	
Clipper Mill (footway bridge):				
Repairs	3 33	.....	3 33	
Columbia Avenue:				
Repairs to handrail	19 18	.....		
" " roadway	6 33	11 74		
" " footway	3 75	3 73		
Scraping and scaffolding	154 20	.....		
Painting (metallic brown)	109 50	39 22		
	$292 96	$ 54 69	347 65	
Dorsey Lane culvert:				
New concrete culvert (incomplete)	551 61	231 98	783 59	
Amounts carried forward			$17,269 84	$40,303 42

	Labor.	*Material.*	*Total.*	
Amounts brought forward			$17,269 84	$40,303 42
Eastern Avenue:				
Repairs to footway	83		83	
Edmondson Avenue (over Gwynn's Falls):				
Repairs and strength'ng truss	616 70	287 70	904 40	
Edmondson Avenue (over P., B. & W. R. R.):				
Repairs to footway	27 98	16 43		
New r'dway and floor stringers	387 31	726 50		
Scraping and scaffolding	326 49	2 70		
Painting (metallic brown)	70 00	30 73		
	$811 78	$776 36	1,588 14	
Fayette Street:				
Repairs to roadway	2 71			
New creo-resinate roadway and stringers	329 00	1,089 31		
New footways	26 53	74 90		
Concrete mud wall	6 08	25 32		
Scraping and scaffolding	95 23			
Painting (Etna iron)	49 03	17 03		
	$508 58	$1,206 56	1,715 14	
Frederick Rd. (footway bridge):				
Tearing down and removing bridges	38 75		38 75	
Friendship St. culvert:				
Repairs to invert	14 83		14 83	
Frisby St. culvert:				
Repairs	3 75		3 75	
Gay Street:				
New cement footways	6 00	137 27	143 27	
Guilford Avenue:				
Repairs to footways	30 04	24 93		
Scraping handrail	17 04			
Painting handrail (Etna iron)	60 45	19 40		
	$107 53	$44 33	151 86	
Harmons:				
Repairs to roadway floor	7 00	15 63	22 63	
Hillen Street:				
Repairs to footway	92			
" " r'dway bet. tracks	7 08			
	$8 00		8 00	
Leadenhall and Stockholm Sts.:				
Repairs to roadway floor	23 20		23 20	
Amounts carried forward			$21,884 64	$40,303 42

	Labor.	*Material.*	*Total.*	
Amounts brought forward			$21,884 64	$40,303 42
Lexington St., East:				
Scraping and scaffolding	86 25	1 00		
Painting (Etna and Furnace Brand)	162 20	85 95		
	$248 45	$86 95	335 40	
Lexington St., West:				
Ferro-concrete arch	1,740 13	1,036 69		
Making fill	291 71	.....		
	$2,031 84	$1,036 69	3,068 53	
Lombard Street:				
New roadway floors and repairs to footway	220 30	394 26		
Painting and scraping floor beams	62 59	10 56		
Repairs to handrail	22 30	.....		
	$305 19	$404 82	710 01	
Loudon Avenue:				
Repairs	1 00	.....	1 00	
Madison Street:				
Reinforcing floor beams	425 00	160 00		
Scraping and scaffolding	78 08	.....		
Painting (metallic brown)	50 92	14 22		
New creo-resinate wood roadway and stringers	202 51	66 49		
	$756 51	$240 71	997 22	
Madison St. culvert:				
New ferro-concrete culvert	267 47	156 08	423 55	
Maiden Choice Lane culvert:				
Rebuilding wing walls and pointing up old walls	170 29	51 28	221 57	
Maryland Avenue:				
Repairs to footway	12 30	18 73		
Scraping handrail	7 50	.....		
Painting handrail (Etna)	34 40	9 10		
Repairing roadway	2 00	.....		
	$56 20	$27 83	84 03	
Monroe Street, North:				
Repairs to handrail	47 17	1 08		
Tearing out old floor	80 69	.....		
New floor and resetting stringers	220 94	599 09		
Repairs to footway	55 52	49 43		
Scraping and scaffolding	365 86	2 00		
Painting (Etna and metallic brown)	207 58	76 52		
Repairs to wall	4 08	.....		
	$981 84	$728 12	1,709 96	
Amounts carried forward			$29,435 91	$40,303 42

	Labor.	*Material.*	*Total.*	
Amounts brought forward			$29,435 91	$40,303 42
Monroe Street, South:				
Scraping and scaffolding	275 67	1 27		
Painting (Keystone and met. brown)	222 00	127 03		
	$497 67	$128 30	625 97	
Montebello Ave. culvert:				
New concrete culvert	491 78	299 48	791 26	
Monument Street:				
Repairing roadway floor	9 95	8 00		
Reinforcing floor beams	260 00	168 92		
Scraping and scaffolding	115 92	.....		
Painting (Etna)	51 20	23 25		
Tearing out old floor	73 71	.....		
New creo-resinate wood roadway and stringers	275 11	1,401 64		
New footways	54 67	85 54		
Concrete mud wall	8 42	35 14		
Watchman	61 66	.....		
	$910 64	$1,722 49	2,633 13	
Mount Vernon Ave. viaduct:				
Scraping handrail	19 83	.....		
Painting handrail (Etna)	86 49	18 44		
	$106 32	$18 44	124 76	
North Avenue:				
Scraping handrail	42 34	.....		
Painting handrail (Keystone graphite)	132 25	40 50		
	$174 59	$40 50	215 09	
Philadelphia Road:				
Tearing out old bridge	14 59	.....	14 59	
Pratt Street:				
New cement footways	9 00	183 88	192 88	
Preston Street:				
New top floor between tracks.	21 00	121 79		
Repairs to footway	3 67	4 40		
Scraping and scaffolding	231 86	.....		
Painting (metallic brown and Keystone)	93 88	43 75		
	$350 41	$169 94	520 35	
Reese St. (South of Brady Ave.):				
Laying 27-inch terra cotta pipe	74 49	68 53	143 02	
Amounts carried forward			$34,696 96	$40,303 42

	Labor.	*Material.*	*Total.*	
Amounts brought forward			$34,696 96	$40,303 42
St. Paul Street:				
New expansion plates on roadway	35 92	12 01		
Repairs expansion plates in footway	1 83	1 40		
Protection sheathing and scaffold	1,415 83	1,600 62		
Scraping and cleaning iron	904 89	2 77		
Painting (Keystone, Etna, Nobrac, metallic brown)	322 47	229 71		
Repairs to plates under bottom chord	4 50	56		
	$2,685 44	$1,847 07	4,532 51	
Slingluff Ave. South of North Ave.):				
Repairs to roadway floor	18 33	33 58	51 91	
Union Avenue:				
Repairs to footway	26 84	39 88		
Scraping and scaffolding	107 00	.....		
Painting (metallic brown)	43 75	16 27		
	$177 59	$56 15	233 74	
Wilkens Avenue:				
Repairs to footway	2 08	1 47		
Repairs to roadway bet. tracks	9 00	9 78		
	$11 08	$11 25	22 33	
Miscellaneous:				
Labor, tools, oil and tracing drawings	398 87	367 10	765 97	
Total expenditures	$23,067 13	$17,236 29		$40,303 42

MAINTENANCE PROPERTY YARD A—VI (49).

Original Appropriation		$1,500 00
EXPENDITURES.		
Wages of Superintendent and Ass't Superintendent	$1,268 81	
" " Blacksmith in yard repairs	39 58	
Hardware	7 75	
Lamps, oil, waste, etc	11 14	
Paint	1 25	
Galvanized iron chimney stack	6 50	
Office stove	3 25	
Lumber	112 46	
Fire clay	2 50	
Coal and coke	36 50	
Ice	9 57	
Total expenditures		1,499 31
Surplus of credit		$ 69
Balance to surplus, 1904		69

INSURANCE ON CITY PROPERTY A—VI (49).

Original Appropriation	$2,000 00
Transferred from Contingent Fund	3,399 39
Prem'm ret'd from Thurigia Fire Ins. Co., insurance discont'd	40 30
Dividend from Receivers Peabody Fire Ins. Co	8 50
" " " Maryland " "	51 25
" " " Baltimore " "	158 70
Total credits	$5,658 14

EXPENDITURES.

Insurance on buildings, Bayview Asylum	$1,250 83	
" " " Baltimore City College	3,870 00	
" " " Western High School	262 50	
" " " School Mount & Saratoga Streets	100 00	
" " " Clifton Park	32 06	
" " Launch "Meteor"	30 00	
" " Tug "Hygeia"	112 50	
Affidavit	25	
Total expenditures		5,658 14

REVENUE.

Received for insurance on school building, Howard and Montgomery Streets, damaged by fire	$3,154 75

EXPENDITURES.

Amount paid for adjusting above claim	50 00
Net receipts	$3,104 75
Balance paid into the City Treasury	3,104 75

WATER ENGINEER'S DEPARTMENT A—VI (51).

Original Appropriation, salaries	$88,833 34

EXPENDITURES.

Salaries to December 15, 1904:

Water Engineer, Alfred M. Quick	$3,999 96	
Ass't " Rob't L. Clemmitt	1,740 00	
Secretary to Water Engineer, Jas. R. Read	1,380 00	
Draftsman, A. O. Babendreier	1,200 00	
" Wm. J. Fizone	1,200 00	
" Wm. J. West	1,080 00	
" John Weber	1,020 00	
" Wm. W. Cushing	600 00	
Civil Engineer, Emory Sudler	1,320 00	
Rodman, Theo. J. Tubman	720 00	
" Henry A. Jones	720 00	
Clerk, C. L. Rector	1,020 00	
" T. P. Bolgiano	1,020 00	
Meter Tester, Frank Phillips	89 51	
" " H. N. O'Brien	627 50	
Messenger, W. L. Hawkins	720 00	
Amounts carried forward	$18,456 97	$88,833 34

Amounts brought forward	$18,456 97	$88,833 34
Auditing Division:		
Chief Clerk, Chas. W. Nagle	1,740 00	
Paymaster and Ledger Clerk, J. P. Huppman	1,440 00	
Order Clerk, C. L. Gambrill	1,020 00	
Journal " W. F. Yost	1,200 00	
Pay Roll " J. M. Tormey	960 00	
Construction Division:		
Superintendent, G. R. Truelove	1,740 00	
General Foreman, M. F. Gorman	1,320 00	
Foreman of Paving, J. W. McCaffrey	945 00	
" " " Wm. Coburn	9 00	
" " Wagons, J. L. Lang	900 00	
Chief Clerk, W. S. Carr, Jr.	1,020 00	
Bookkeeper, H. Zapf	960 00	
Time Clerk, A. S. Frank	900 00	
Office " A. Barber	900 00	
Ass't " O. C. Berry	900 00	
" " B. H. Geipe	840 00	
Storeroom Keeper, G. A. Bayles	960 00	
First Watchman, C. Stamm	660 00	
Second " D. Loden	600 00	
Mechanical Division:		
Superintendent, E. G. Rost	1,740 00	
Chief Clerk, E. C. Schofield	1,020 00	
Clerk, G. E. Lane	900 00	
" W. H. Stiner	606 67	
" A. S. Bryan	741 93	
Yard Clerk, J. Y. Harten	840 00	
" Foreman, G. W. Reppert	900 00	
Superintendent of Hauling, C. P. Schlarb	840 00	
Watchman, Guy Radcliffe	660 00	
" John Driscoll	660 00	
Hostler, D. F. Strube	720 00	
Ass't " W. H. Heimstaedt	600 00	
Western Pumping Station:		
Engineer, L. M. Flaherty	1,020 00	
Oiler, L. G. Miller	720 00	
Fireman, F. A. McFadden	720 00	
" E. Connolly	720 00	
" J. Slemaker, Jr.	720 00	
Mount Royal Pumping Station:		
Engineer, J. T. Omohundro	1,140 00	
" W. H. Hyman	1,140 00	
" S. J. Waldhauser	1,140 00	
Conveyor Engineer, F. R. M. Manning	1,020 00	
Dynamo " W. E. Moore	1,020 00	
" " G. E. Beazley	1,020 00	
Oiler, J. W. Granger	720 00	
" J. E. Murphy	720 00	
" Jacob Brunner	720 00	
Fireman, H. Schmidt	780 00	
" P. Pendergast	669 50	
" J. H. Kraft	780 00	
Amounts carried forward	$62,469 07	$88,833 34

Amounts brought forward	$62,469 07	$88,833 34
Eastern Pumping Station:		
Engineer, Otto Boettger	1,140 00	
" A. J. Benner	1,140 00	
" U. G. Hanson	1,140 00	
" Thos. E. Kelly	1,140 00	
Oiler, A. McBurney	720 00	
" E. Swissler	720 00	
" N. Kraning	720 00	
" John Payton	720 00	
Fireman, A. Matyouski	780 00	
" W. W. Fuller	780 00	
" D Elliott	277 33	
" Joseph Roche	140 48	
County Division:		
Superintendent, Wm. Benthall	1,999 92	
Lake Montebello:		
Keeper, W. L. Kenly	780 00	
Watchman, A. Dames	600 00	
Druid Lake, Hampden and High Service Reservoir:		
Keeper, J. Van Horn	780 00	
Lake Clifton:		
Keeper, G. Kelly	780 00	
Mt. Royal Reservoir:		
Keeper, J. H. Diven	600 00	
West Arlington Standpipe:		
Keeper, A. J. Forrest	720 00	
Watershed Patrol:		
Patrolman, C. L. Cross	720 00	
" F. A. Zimmerman	581 61	
Guilford Reservoir:		
Keeper, John Devoy	720 00	
Lake Roland:		
Keeper, John Boon	780 00	
Loch Raven:		
Keeper, M. Dapprich	780 00	
Gatekeeper, R. J. Foley	720 00	
Total expenditures		82,448 41
Surplus of credit		$6,384 93
Balance to Water Board Revenue Account		6,384 93

WATER ENGINEER'S DEPARTMENT A—VI (51).

Original Appropriation expenses	$376,000 00
Transferred from Burnt District Fund	3,000 00
Wages returned	23 28
Total credits	$379,023 28

EXPENDITURES.

Books, stationery and printing	$2,020 37	
Drawing materials	67 88	
Furniture and fixtures	871 27	
Fuel	49,686 38	
Labor	201,422 88	
Hauling	1,723 97	
Tools and machinery	1,609 11	
Cast-iron pipe	27,820 36	
" " fittings	9,071 80	
Special iron castings	7,251 27	
Valves	572 88	
Wrought-iron pipe and fittings	1,227 23	
Service pipe	6,072 09	
Brass service pipe fittings	5,549 20	
" castings	4,888 84	
Bar iron and steel	220 06	
Meters	14,859 15	
Lead	8,019 33	
Lumber	1,889 33	
Rope and packing	754 40	
Grease, paint, waste and oils	3,820 87	
Rubber	1,287 10	
Bricks, stone and cement	1,331 53	
Sand, gravel and ashes	310 56	
Asphalt paving	1,628 07	
Feed	1,672 28	
Insurance	302 00	
Current expenses	6,495 65	
Sundries	9,332 00	
Total expenditures		371,777 86
Surplus of credit		$7,245 42
Amount carried forward to 1905		3,500 00
Balance to Water Board Revenue Account		$3,745 42

COLLECTOR WATER RENTS AND LICENSES A—VI (51).

Original Appropriation salaries	$23,520 84

EXPENDITURES.

Salaries to December 15, 1904:		
Collector Water Rents & Licenses, J. Spencer Clarke	$2,291 67	
General Bookkeeper, Otis C. Brownley	1,341 67	
Cashier, A. Stanley Wier	1,341 67	
Amounts carried forward	$4,975 01	$23,520 84

Amounts brought forward	$4,975 01	$23,520 84
Chief Clerk, James J. Scully	1,245 84	
Ledger " Augustine A. Doyle	1,150 00	
" " Fred. W. Lustnauer	1,150 00	
" " William E. Martin	1,150 00	
" " James E. Burke	1,150 00	
" " Alfred C. Smith	1,150 00	
" " William E. Busey	1,150 00	
" " Mat. T. Valentine	1,150 00	
Meter " Percy L. Reinhart	1,150 00	
License " Chas. R. P. Brown	1,150 00	
Inspector and Bill Distributor, James E. Welsh	958 34	
" " " Samuel A. Hart	958 34	
" " " Geo. A. Vernetson	958 34	
" " " Thos. F. Herr, 3 mos.	249 99	
" " " Rob't K. Lewis, 8½ mos.	708 35	
Ledger Clerk, Thos. F. Herr, 8½ mos	850 00	
" " Rob't K. Lewis, 3 mos	300 00	
Total expenditures		21,554 21
Surplus of credit		$1,966 63
Balance to Water Board Revenue Account		1,966 63
Original Appropriation expenses		$387,511 00

EXPENDITURES.

Interest on Water Loans	$380,700 00	
Printing and stationery	782 45	
Arithmometer	375 00	
Extra clerks	357 00	
Postage	235 25	
Telephone rental	104 50	
Meals for clerks	88 50	
Advertising	77 50	
Car tickets	70 00	
Rebinding ledgers	50 00	
Exchange of typewriter	40 00	
Desk and chair	40 00	
Signs	34 86	
Directories	12 00	
Inspectors' badges	8 25	
Newspapers	6 75	
Tapemeasures for Inspectors	4 40	
Total expenditures		382,986 46
Surplus of credit		$4,524 54
Balance to Water Board Revenue Account		4,524 54

EXTENSION WATER SUPPLY, EAST OF JONES' FALLS A—VI (51).

Original Appropriation	$36,097 60
Wages returned	7 60
Total credits	$36,105 20
Amount carried forward	$36,105 20

Amount brought forward		$36,105 20
EXPENDITURES.		
Labor	$4,697 38	
Hauling	717 89	
Hardware	4 16	
Cast-iron pipe	743 38	
" " fittings	1,760 56	
Rope and waste	41 09	
Brick, stone and cement	151 25	
Sand, gravel and ashes	13 80	
Current expenses	165 92	
Sundries	761 33	
Roland Avenue standpipe, lot	4,500 00	
" " " foundation	3,800 00	
" " " steel tank	6,726 96	
Total expenditures		24,083 72
Surplus of credits		$12,021 48
Balance to Water 1943 Loan		12,021 48

EXTENSION WATER SUPPLY, WEST OF GWYNN'S FALLS A—VI (51).

Original Appropriation		$224,326 91
EXPENDITURES.		
Printing		6 00
Surplus of credit		$224,320 91
Balance to Water 1943 Loan		224,320 91

DRINKING FOUNTAIN, CALHOUN AND RAMSAY STS. A—VI (51).

Original Appropriation		$75 00
EXPENDITURES.		
Balance to surplus, 1904		75 00

DREDGING LOCH RAVEN A—VI (51).

Original Appropriation		$42,805 92
EXPENDITURES.		
Fuel	$ 2,748 43	
Labor	15,742 96	
Tools and machinery	83 71	
Hardware	124 64	
Wrought-iron pipe and fittings	70 15	
Bar iron and steel	25 45	
Lumber	300 13	
Rope and packing	175 71	
Grease, waste, paints and oils	1,414 95	
Rubber	1,366 86	
Current expenses	358 72	
Sundries	743 35	
Land pipe	2,021 25	
Total expenditures		25,176 31
Surplus of credit		$17,629 61
Balance to Four Millions 1945 Loan		17,629 61

J. P. ROCK, REFUND WATER RENT A—VI (51).

Original Appropriation, transferred from Contingent Fund..	$8 07

EXPENDITURES.

Amount paid for refund of water rent paid in error.....	8 07

NEW STORAGE HOUSE, GAY STREET YARD A—VI (51).

Amount brought forward from 1903	$2,786 78

EXPENDITURES.

To cash paid contractors.....	2,786 78

REVENUE.

Received for water rents, sale of old material, etc., for 1904..	$817,710 65
" from Burnt District Fund	45,698 74
Total credits	$863,409 39

EXPENDITURES.

Amount returned on acc't errors, discontinuance of water, etc.	1,165 73
Net revenue	$862,243 66

Disbursed as follows:

Collector Water Rents and Licenses, salaries.....	$ 21,554 21	
" " " " expenses	382,986 46	
Water Engineer's Department, salaries.....	82,448 41	
" " " expenses	375,254 58	
Total expenditures		862,243 66
Received water rents payable in 1905		$8,530 12
Balance carried forward to 1905		8,530 12

GROUND RENTS ON CITY PROPERTY A—VI (52).

Original Appropriation	$52,000 00

EXPENDITURES.

School No. 1.....	$ 354 00	
" " 2.....	237 50	
" " 3.....	350 00	
" " 4.....	345 00	
" " 5.....	600 00	
" " 6.....	112 50	
" " 8.....	221 34	
" " 9.....	1,094 75	
" " 10.....	200 00	
" " 11.....	757 00	
" " 12.....	268 00	
" " 13.....	530 00	
" " 14.....	840 00	
" " 15.....	700 00	
" " 16.....	490 00	
" " 17.....	217 00	
" " 20.....	592 00	
Amounts carried forward	$7,909 09	$52,000 00

Amounts brought forward	$7,909 09	$52,000 00
School No. 21	$320 00	
" " 22	177 50	
" " 23	187 50	
" " 26	126 00	
" " 27	274 50	
" " 28	270 00	
" " 29	570 00	
" " 30	750 00	
" " 31	228 00	
" " 34	385 00	
" " 42	244 44	
" " 43	900 00	
" " 44	600 00	
" " 45	600 00	
" " 46	800 00	
" " 47	1,001 00	
" " 48	700 00	
" " 58	22 50	
" " 60	480 00	
" " 61	1,155 00	
" " 66	50 00	
" " 67	360 00	
" " 68	240 00	
" " 70	175 00	
" " 71	19 00	
" " 72	620 62	
" " 73	25 00	
" " 75	400 00	
" " 76	350 00	
" " 77	581 25	
" " 78	480 00	
" " 79	1,020 00	
" " 81	620 00	
" " 82	350 66	
" " 91	315 00	
" " 92	372 50	
" " 93	1,300 00	
" " 94	501 75	
" " 96	480 00	
" " 100	600 00	
" " 101	200 00	
" " 102	120 00	
" " 106	192 00	
" " 107	70 00	
" " 108	134 00	
" " 109	300 00	
" " 110	480 00	
" " 111	130 00	
" " 112	630 00	
" " 115	50 00	
" " 116	150 00	
Fourth Regiment Armory	1,188 00	
Eastern Female High School	615 90	
Baltimore City College	5,005 00	
Baltimore Polytechnic Institute	220 00	
Colored High School	1,147 50	
Engine House No. 1	105 00	
" " " 2	62 50	
" " " 3	150 00	
" " " 6	62 00	
" " " 7	51 00	
" " " 11	123 75	
" " " 12	150 00	
Amounts carried forward	$37,897 96	$52,000 00

Amounts brought forward	$37,897 96	$52,000 00
Hook and Ladder No. 1	100 00	
" " " " 7	75 00	
" " " " 8	61 50	
Chemical Company No. 2	72 00	
" " " 3	40 00	
Northeast Market	1,200 00	
Cross St. "	974 00	
Lexington "	228 00	
Central Police Station	120 00	
City Hall	56 00	
Old City Hall	306 00	
Collington Square	960 00	
Riverside Park	3,770 62	
Perkins' Spring Square	2,052 00	
Federal Hill Park	37 50	
Lot on Stiles Street	160 00	
Property Yard	540 00	
Lot, Chester Street and Ashland Avenue	829 75	
" Pennsylvania Avenue and Biddle Street	1,500 00	
Total expenditures (of this amount the Commissioners of Finance received $26,732.87)		50,980 33
Surplus of credit		$1,019 67
Balance to surplus, 1904		1,019 67

RENTALS FROM CITY PROPERTY A—VI (52).

RECEIPTS.

Balance brought forward from 1903		$5,069 55
Old Engine House, Belair Road	$ 96 00	
Property on lot, Pennsylvania Avenue, intended for Colored High School	1,249 20	
State's Attorney's office, Courthouse	1,500 00	
Old Southern Police Station, Salvation Army	120 00	
Montgomery and Howard Streets	79 32	
Bed of Lovegrove Alley at North Avenue, Ferrari	60 00	
Lot on Stiles Street, near High, N. Frank & Son	160 00	
Old City Hall, N. Holliday St., Water Dept	306 00	
Lot on Hollins St., addition to School No. 30, Owen Gawthrop	162 00	
Red Syms Medical Co.	10 00	
Lot, Chester and Ashland Avenue, H. Wallark	5 00	
Booth Street, Loubighausen	15 00	
Cross and Compton Sts., American Label Co	1,200 00	
School House, Barre Street	157 50	
School House, Saratoga and Courtland Sts., No. 100	6,083 52	
Hollins and Richmond Market Halls, Maryland Institute	400 00	
Savings Bank of Baltimore, Courthouse	1,500 00	
Stable on English-German School, E. Balto. Street, Bennett	60 00	
		13,163 54
		$18,233 09

EXPENDITURES.

Advertising School House, Howard and Montgomery Sts	27 26
Net balance	$18,205 83
Balance to City Treasury	18,205 83

REPAIRS RICHMOND MARKET HALL A—VI (52).

Original Appropriation $15,000 00

EXPENDITURES.

Wm. Ferguson & Bro., contractors on repairs.....	$3,884 35	
John G. Hetzell & Sons, contractors repairing roof..	1,037 25	
Chas. W. Grant, contractor for painting.....	2,206 30	
E. G. Smyser & Sons, contractors for iron work....	332 45	
S. B. Hadsell, contractor for metal ceilings.....	798 00	
J. A. Fowler, contractor for plastering	270 80	
G. W. Walther & Co., contractors for plumbing....	165 24	
Interior Renovating Co., contractor for cleaning walls and ceilings.....	365 00	
N. W. James & Co., contractors for mill work.....	315 57	
Total expenditures		9,374 96
Surplus of credit		$5,625 04
Balance carried forward to 1905		5,625 04

REPAIRS BROADWAY MARKET HALL A—VI (52).

Original Appropriation $4,000 00

EXPENDITURES.

C. H. Mickelman, contractor for repairs.....	$810 68	
John T. Brooks, contractor for brickwork.....	84 99	
Thos. B. Boland, contractor for plumbing.....	503 71	
M. A. Jenkins, contractor for building scaffold....	200 00	
Edw. Ellis & Bro., contractor for plastering.....	307 30	
G. W. Lowenstein, contrac'r for repair'g roof(slate)	479 05	
H. Meiser & Son, contractor for ironwork.....	38 00	
Louis A. Dieter, contractor for painting	1,163 53	
John G. Hetzell & Son, contrac'r for repair'g tin roof	373 24	
John J. King, contractor for glazing.....	39 50	
Total expenditures		4,000 00

SALARIES ASSISTANT MARKET MASTERS A—VI (53).

Original Appropriation $6,666 67

EXPENDITURES.

Salaries to December 1, 1904:

Ass't Market Master, Centre Market,	Chas. C. Sanner	$600 00	
" " " Lexington "	Chas. W. Brown	900 00	
" " " Hanover "	Alonzo T. Jones	450 00	
" " " Fell's Pt. "	Henry Yaeger.	600 00	
" " " Belair "	Sam'l D. Laird.	900 00	
" " " Hollins "	Thos. J. Robosson	499 92	
" " " Richmond "	John B. Zink..	450 00	
" " " Cross St. "	Edw. J. Styles.	699 96	
" " " Lafayette "	Hy. W. Taylor.	450 00	
" " " Northeast "	Wm. A. Chapman	399 96	
" " " Canton "	Jacob Seifert..	450 00	
Total expenditures			6,399 84
Surplus of credit			$266 83
Balance to surplus, 1904			266 83

HOSE FOR VARIOUS MARKETS A—VI (53).

Original Appropriation		$800 00
EXPENDITURES.		
Lafayette	$63 40	
Hollins	63 40	
Centre	45	
Lexington	63 40	
Cross	63 40	
Northeast	95 10	
Hanover	63 40	
Total expenditures		412 55
Surplus of credit		$387 45
Balance to surplus, 1904		387 45

MARKET RECEIPTS A—VI (53).

Belair Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$ 580 00	$2,423 00	$3,003 00	$2,898 00
Permanent and eave stalls.	1,865 00	569 00	2,434 00	2,372 00
Movable stalls	140 00	102 00	242 00	224 00
Fish "	120 00	107 00	227 00	227 00
Street eave "	575 00	.....	575 00	535 00
Street "	.....	955 00	955 00	875 00
Per diems	.....	.....	3,680 30	3,234 70
Sale of stalls	.....	.....	10 00	8 00
	$3,280 00	$4,156 00	$11,126 30	$10,373 70

SAMUEL M. LAIRD, *Ass't Market Master.*

Canton Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$ 20 00	$78 50	$ 98 50	$ 75 00
Permanent and eave stalls.	130 00	96 00	226 00	221 00
Fish stalls	10 00	4 00	14 00	14 00
Space "	.....	3 00	3 00	3 00
Street "	.....	.....	.....	5 00
Per diems	.....	.....	167 20	145 80
	$160 00	$181 50	$508 70	$464 30

JACOB SEIFERT, *Ass't Market Master.*

Centre Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$10 00	$132 00	$142 00	$578 00
Permanent and eave stalls.	.....	.....	.....	540 00
Movable stalls	.....	.....	.....	357 00
Fish "	.....	.....	.....	871 00
Street "	.....	.....	.....	570 00
Office	.....	.....	.....	50 00
Per diems	.....	.....	254 30	1,649 70
	$10 00	$132 00	$396 30	$4,615 70

CHAS. C. SANNER, *Ass't Market Master.*

Cross Street Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$310 00	$432 50	$742 50	$801 25
Permanent and eave stalls.	.....	862 50	862 50	867 50
Fish stalls	60 00	60 00	120 00	120 00
Street "	.....	635 00	635 00	590 00
Per diems	.....	.....	1,865 20	1,671 70
	$370 00	$1,990 00	$4,225 20	$4,050 45

EDWARD J. STYLES, *Ass't Market Master.*

Fell's Point Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$340 00	$1,205 00	$1,545 00	$1,590 00
Permanent and eave stalls.	665 00	943 00	1,608 00	1,682 00
Space stalls	647 50	874 50	1,522 00	1,507 00
Movable "	195 00	80 00	275 00	276 00
Fish "	70 00	78 00	148 00	155 00
Street "	.....	477 00	477 00	520 00
Per diems	.....	.....	2,268 20	1,850 95
Sale of stalls	.....	.....	54 50	14 00
	$1,917 50	$3,657 50	$7,897 70	$7,594 95

HENRY YEAGER, *Ass't Market Master.*

Hanover Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$175 00	$780 00	$955 00	$894 00
Permanent and eave stalls.	620 00	310 00	930 00	968 00
Fish stalls	60 00	716 00	776 00	87 00
Movable "	.....	23 50	23 50	.....
Street "	.....	465 00	465 00	500 00
Office	.....	60 00	60 00	.....
Per diems	.....	.....	1,808 75	1,218 95
Sale of stalls	.....	.....	45 00	.....
	$855 00	$2,354 50	$5,063 25	$3,667 95

ALONZO F. JONES, *Ass't Market Master.*

Hollins Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$205 00	492 00	$697 00	$697 00
Permanent and eave stalls.	.....	405 00	405 00	410 00
Space stalls	.....	235 00	235 00	245 00
Fish "	.....	32 00	32 00	35 00
Street "	.....	903 00	903 00	795 00
Per diems	.....	.....	1,444 60	1,397 35
Sale of stalls	.....	.....	1 00	2 00
	$205 00	$2,067 00	$3,717 60	$3,581 35

THOMAS J. ROBOSSON, *Ass't Market Master.*

Lafayette Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$225 00	$225 00	$450 00	$535 00
Permanent and eave stalls.	710 00	264 00	974 00	984 00
Space stalls	.....	100 00	100 00	120 00
Street "	.....	180 00	180 00	180 00
Per diems	.....	.....	1,360 45	1,278 85
	$935 00	$769 00	$3,064 45	$3,097 85

H. Wilson Taylor, *Ass't Market Master.*

Lexington Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$ 560 00	$2,210 00	$2,770 00	$2,730 00
Permanent and eave stalls.	2,210 00	1,322 00	3,532 00	3,520 00
Movable stalls	185 00	74 00	259 00	308 00
Fruit and vegetable stalls.	290 00	371 00	661 00	602 00
Fish stalls	250 00	100 00	350 00	343 00
Street "	.....	3,225 00	3,225 00	3,035 00
Per diems	.....	.....	5,919 20	5,330 50
	$3,495 00	$7,302 00	$16,716 20	$15,868 50

Chas. W. Brown, *Ass't Market Master.*

Northeast Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$100 00	$207 50	$307 50	$280 00
Permanent and eave stalls.	195 00	116 00	311 00	307 00
Space stalls	500 00	282 00	782 00	803 00
Fish "	10 00	6 00	16 00	14 00
Street "	.....	15 00	15 00	15 00
Per diems	.....	.....	866 45	831 98
Sale of stalls	.....	.....	.....	300 00
	$805 00	$626 50	$2,297 95	$2,550 98

William A. Chapman, *Ass't Market Master.*

Richmond Market, December 31, 1904.

	Licenses.	*Rents.*	*Total, 1904.*	*Total, 1903.*
Butcher stalls	$220 00	$476 00	$696 00	$699 00
Permanent and eave stalls.	262 50	247 00	509 50	477 00
Aisle stalls	35 00	35 00	70 00	80 00
Movable "	80 00	23 00	103 00	111 00
Fish "	100 00	100 00	200 00	200 00
Space "	.....	320 50	320 50	350 50
Street "	.....	252 50	252 50	245 00
Per diems	.....	.....	1,808 45	1,646 90
	$697 50	$1,454 00	$3,959 95	$3,809 40

John B. Zink, *Ass't Market Master.*

COMPARATIVE STATEMENT, SHOWING RECEIPTS AND EXPENDITURES OF THE DIFFERENT MARKETS A—VI (53).

	1904.		1903.	
	Dr.	*Cr.*	*Dr.*	*Cr.*
Belair Market.....	$549 15	$11,126 30	$517 79	$10,373 70
Canton "	205 04	508 70	192 37	464 30
Centre "	609 25	396 30	607 24	4,615 70
Cross St. "	315 25	4,225 20	307 30	4,050 45
Fell's Pt. "	520 62	7,897 70	506 94	7,594 95
Hanover "	456 91	5,063 25	414 18	3,667 95
Hollins "	343 25	3,717 60	311 79	3,581 35
Lafayette "	266 71	3,064 45	247 95	2,097 85
Lexington "	916 58	16,716 20	634 14	15,868 50
Northeast "	318 56	2,297 95	299 65	2,550 98
Richmond "	389 00	3,959 95	374 85	3,810 90
Gross	$4,890 32	$58,973 60	$4,414 20	$59,676 63
Expen's, clean'g, fuel, etc.	.....	4,890 32	.....	4,414 20
Net receipts	.....	$54,083 28	.....	$55,262 43

PUBLIC HALLS A—VI (53).

Broadway Hall.

	1904.		1903.	
	Dr.	*Cr.*	*Dr.*	*Cr.*
By rent	.....	$42 00	.....	$376 00
To expenses, cleaning, etc.....	$35 25	.....	$ 87 07	.....
" net revenue	6 75	.....	288 93	.....
	$42 00	$42 00	$376 00	$376 00

Cross Street Hall.

	1904.		1903.	
	Dr.	*Cr.*	*Dr.*	*Cr.*
By rent	.....	$707 00	.....	$943 00
To expenses, cleaning, etc.....	$287 35	.....	$202 40	.....
" net revenue	419 65	.....	740 60	.....
	$707 00	$707 00	$943 00	$943 00

Hollins Hall.

	1904.		1903.	
	Dr.	*Cr.*	*Dr.*	*Cr.*
By rent	.....	$118 00	.....	$106 00
To expenses, cleaning, etc.....	$77 40	.....	$25 00	.....
" net revenue	40 60	.....	81 00	.....
	$118 00	$118 00	$106 00	$106 00

CENTRE MARKET COMMISSION A—VI (53).

Original Appropriation, from Burnt District Fund		$435,000 00
EXPENDITURES.		
Roll top desk and chair	$49 25	
Postage stamps	5 00	
Total expenditures		54 25
Surplus of credit		$434,945 75
Balance carried forward to 1905		434,945 75

COMPARATIVE STATEMENT OF PER DIEM RECEIPTS FROM VARIOUS MARKETS.

Markets.	December, 1903.	January, 1904.	February, 1904.	March, 1904.	April, 1904.	May, 1904.	June, 1904.	July, 1904.	August, 1904.	September, 1904.	October, 1904.	November, 1904.	Totals, 1904.	Totals, 1903. (11 mos.)
Belair...	$311 75	$253 95	$233 45	$291 50	$328 95	$319 25	$309 05	$339 45	$324 65	$316 90	$331 65	$319 75	$3,680 30	$3,234 70
Canton..	15 00	8 60	7 70	10 60	14 10	14 70	14 80	17 20	16 80	15 70	17 00	15 00	167 20	145 80
Centre..	135 20	95 60	23 50	.....	Destroyed in the conflagration, February 7 and 8, 1904.							.....	254 30	1,649 70
Cross St.	151 20	107 20	99 50	132 50	161 90	163 80	161 70	190 90	173 10	172 00	179 60	171 80	1,865 20	1,671 70
Fell's Pt.	67 10	167 25	151 45	189 65	200 10	207 10	205 60	222 40	219 45	212 50	218 95	206 65	2,268 20	1,850 95
Hanover	94 35	73 70	90 35	160 40	189 50	192 30	169 95	171 60	178 20	167 95	171 25	149 20	1,808 75	1,218 95
Hollins.	114 50	91 70	86 10	116 10	124 40	119 00	138 30	136 70	136 90	114 20	135 00	131 70	1,444 60	1,397 35
Lafay'te.	110 30	93 70	82 00	99 15	114 65	114 45	124 35	132 10	122 35	127 25	132 95	107 20	1,360 45	1,278 85
L'xgt'n.	515 60	390 00	370 80	451 00	536 60	522 70	500 10	546 20	526 50	517 60	525 70	516 40	5,919 20	5,330 50
Northe't	68 20	49 90	44 50	56 70	69 20	71 00	81 20	88 80	90 80	90 30	85 50	70 35	866 45	831 98
Richm'd	159 85	128 70	125 10	146 20	151 80	159 20	162 60	152 00	155 55	157 45	163 35	146 65	1,808 45	1,646 90
Totals.	$1,743 05	$1,460 30	$1,314 45	$1,653 80	$1,891 20	$1,883 50	$1,867 65	$1,997 35	$1,944 30	$1,891 85	$1,960 95	$1,834 70	$21,443 10	$20,257 38

REPAIRS TO WHARVES A—VI (54).

Original Appropriation			$5,000 00
Balance brought forward from 1903			687 72
Total credits			$5,687 72
EXPENDITURES.			
Supervision		$939 25	
Quarantine wharf		11 61	
Sea wall—Quarantine		730 12	
Foot Charles Street		43 20	
Old Marine Hospital		1,374 77	
Long Dock		22 20	
Foot Hughes Street		26 60	
Repairs Back Basin		1,232 99	
Head McClure's Dock		2 00	
Calvert Street wharf		10 24	
Total expenditures			4,392 98
Surplus of credit			$294 74
Balance to surplus, 1904			294 74

DREDGING HARBOR A—VI (54).

Original Appropriation			$39,537 00
EXPENDITURES.			
Advertising		$ 35 20	
Dredging		30,778 92	
Supervision of dredging		1,372 63	
Surveys		222 50	
Tug Baltimore:			
Crew	$4,435 25		
Fuel	711 10		
Repairs	1,577 02		
Steamboat supplies	251 30		
Repairs, account collision	117 08		
Life raft	36 00	7,127 75	
Total expenditures			39,537 00

ICEBOATS A—VI (54).

Original Appropriation			$12,940 00
Transferred from Contingent Fund			5,320 00
Amount received from sundry parties for use of iceboats			250 00
Total credits			$18,510 00
EXPENDITURES.			
	Annapolis.	*Latrobe.*	
Crew	$2,015 93	$8,929 60	
Fuel	1,214 22	2,771 20	
Repairs	177 03	648 41	
Life preservers and awnings	.....	766 00	
Advertising	8 81	8 81	
Subsistence	368 03	1,049 64	
Steamboat supplies	85 10	217 22	
Wharfage	250 00	.....	
Total expenditures	$4,119 12	$14,390 88	18,510 00

ICEBOAT "ANNAPOLIS," STATE APPROPRIATION A—VI (54).

Original Appropriation		$8,000 00
EXPENDITURES.		
Crew	$5,000 00	
Fuel	2,000 00	
Subsistence	800 00	
Steamboat supplies	200 00	
Total expenditures		8,000 00

REMOVAL OF ASHES A—VI (54).

Original Appropriation		$1,100 00
EXPENDITURES.		
Supervision	$625 00	
Unloading scow	21 00	
Scow hire	25 50	
Supplies	25 93	
Repairs	252 86	
Total expenditures		950 29
Surplus of credit		$149 71
Balance to surplus, 1904		149 71

REMOVAL OF FLOATING MATTER A—VI (54).

Original Appropriation		$1,350 00
EXPENDITURES.		
Wages	$1,203 00	
Outfit	17 60	
Total expenditures		1,220 60
Surplus of credit		$129 40
Balance to surplus, 1904		129 40
REVENUE.		
Sale of old junk		$ 6 00
" " " rope from "Annapolis"		33 75
Total receipts		$39 75
Balance paid into the City Treasury		39 75

RECEIPTS FROM WHARFAGE FOR THE YEAR ENDING DECEMBER 31, 1904 A—VI (54).

	1st Dist.	2d Dist.	3d Dist.	4th Dist.	5th Dist.	Total.
January	$85 62	$364 08	$509 61	$574 65	$2,237 82	$3,771 78
February	66 70	265 17	411 96	442 65	785 31	1,971 79
March	62 75	115 22	179 10	442 80	1,258 33	2,058 20
April	73 10	271 25	225 24	553 90	2,147 35	3,270 84
May	72 30	533 09	731 12	505 15	2,046 14	3,887 80
June	117 16	541 10	899 67	465 46	2,201 43	4,224 82
July	79 59	575 11	818 30	491 11	2,605 61	4,569 72
August	80 26	526 90	763 75	500 14	1,801 56	3,672 61
September	85 42	496 15	1,151 91	878 10	1,875 56	4,487 04
October	82 19	381 91	710 13	508 60	2,189 49	3,872 32
November	138 74	489 98	662 01	517 40	1,631 08	3,439 21
December	126 06	519 11	508 90	887 99	1,589 04	3,631 10
1904	$1,069 89	$5,079 07	$7,571 70	$6,767 95	$22,368 62	$42,857 23
1903	$1,210 49	$4,245 12	$12,268 27	$6,953 51	$19,570 12	$44,247 51

Gross receipts 1904 ..... $42,857 23

EXPENDITURES.

Amount paid Harbor Masters	$8,571 41	
Rent of offices	36 00	
Telephone	48 00	
Towels	5 38	
Reairs to buoys	60 00	
Lumber and hardware	11 41	
Boat supplies	54 36	
Scales at Long Dock	6 25	
Labor, removing debris at Bowly's Wharf	2 75	
Total expenditures		8,795 56
Net receipts, 1904		$34,061 67
Net receipts, 1903		34,861 24
Decrease in 1904		$799 57

HARBOR MASTERS, John R. Bailey, *Chief.*

ASSISTANTS.

Lewis Ehrman	1st District.	Alexander Lauf	4th District.
Edward Biddleman	2d "	John A. Janetzke	5th "
Benjamin F. Heaps	3d "		

HARBOR BOARD A—VI (54).

BURNT DISTRICT ACCOUNT.

Original Appropriation, transferred from Burnt District Fund $2,169 17

EXPENDITURES.

Repairs Long Dock	$ 637 27	
" Commerce Street wharf	450 00	
" Bowly's wharf	1,081 90	
Total expenditures		2,169 17

DOCK IMPROVEMENTS (Ord. No. 94, 1904) A—VI (54).

Original Appropriation, transferred from Burnt Dist. Fund.. $500,000 00

EXPENDITURES.

Frances Tiffany, No. 204 Buchanan's wharf	$2,766 44	
J. Bolgiano, No. 235 South Street	5,501 20	
Estate J. W. Este Fisher, No. 214 South Street	2,769 08	
J. W. Cooch *et al*, No. 213 Bowly's wharf	5,273 08	
R. H. Pleasants' Estate, No. 223 South Street	4,320 32	
Eliz. H. Morrison, No. 221 South Street	4,321 99	
St. John's M. P. Church, No. 207 Bowly's wharf and No. 204 South Street	5,276 01	
Jno. Ryan, Jr., No. 211 South St. and Nos. 219-221 Wood Street	8,837 35	
Nat'l B'ld'g Supply Co., Nos. 308-310-312 Spear's whf.	27,251 94	
E. A. Robinson, Trustee, No. 217 South Street	3,870 61	
Thos. J. Morris *et al*, No. 233 Smith's wharf	3,034 61	
Jos. King, Jr., Estate, No. 227 Smith's wharf	2,889 46	
Mary A. J. Riggs *et al*, No. 325 McElderry's wharf.	2,311 79	
Louise K. Morris, No. 238 Commerce Street	3,158 14	
Balto. & Susqueh'a St'mb't Co., No. 666 W. Falls Av.	29,879 15	
S. J. Martenet & Co., plats, surveys, etc	160 00	
F. J. Caughey and A. D. Bernard, valuat'n of prop'ty	3,000 00	
Max Wiessenborn, special information	387 50	
Olmstead Bros., landscape artists, special plats	239 97	
American View Co., photographs of powerhouse	24 00	
Benj. F. Bennett, valuation of property	1,100 00	
Title Guar. and Trust Co., reference to records of titles	2,960 00	
Brown, Machen, Brune & Thomas, examinat'n of title	100 00	
Wm. Penn Lewis and Jno. Watson, Jr., " "	1,226 39	
Harry E. Parkhurst, " "	325 00	
W. E. Bonn, " "	350 00	
S. C. Houlton, " "	575 00	
F. E. Pegram, " "	1,140 81	
Eli Frank, " "	101 25	
C. John Bunwkes, " "	75 00	
G. B. Porter, " "	175 00	
Hugh A. Norman, " "	250 00	
J. I. Cohen, verification of abstracts	952 50	
Advertisement	334 00	
Recording	60 50	
Typewriting	36 70	
Total expenditures		125,034 79
Surplus of credit		$374,965 21
Balance carried forward to 1905		374,965 21

PUBLIC WHARVES AND DOCKS (Ord. No. 137, 1904) A—VI (54).

Original Appropriation, Burnt Dist. Imp. 1954 Loan..... $3,000,000 00

EXPENDITURES.

Building office on Smith's whf. and fittings for same	$1,837 26	
Engineering expenses	1,175 93	
Total expenditures		3,013 19
Surplus of credit		$2,996,986 81
Balance carried forward to 1905		2,996,986 81

ELECTRICAL COMMISSION A—VI (55).

Original Appropriation, salaries (Conduit 1928 Loan)..... $17,135 42

EXPENDITURES.

Salaries to December 15, 1904:		
Chief Engineer, Chas E. Phelps, Jr	$2,145 88	
Ass't " Chas. G. Edwards	1,341 22	
Chief Cable Inspector, W. A. Young	46 87	
Sup't of Construction, E. V. Donelson	2,250 00	
General Foremon, M. P. Moisan	1,562 50	
Paymaster, W. S. Rice	1,250 00	
Ass't " N. E. Miller	937 50	
Bookkeeper, Geo. C. Addison	937 50	
Stenographer, Carl H. Otte	937 50	
Clerk, W. A. Seltzer	750 00	
Second Ass't Engineer, R. C. Thomas	141 13	
Chief Draftsman, W. A. Megraw	1,250 00	
Inspector, C. E. Sommer	750 00	
Total expenditures		14,300 10
Surplus of credit		$2,835 32
Balance to Conduit 1928 Loan		2,835 32

Original Appropriation, expenses (Conduit 1928 Loan)..... $172,500 00

Received for special construction and sale of old material.... 5,724 23

Total credits $178,224 23

EXPENDITURES.

Advertising	$ 155 10	
Brick	2,481 60	
Burlap, oil, paint and wax tailings	1,260 51	
Car fare	600 00	
Castings	6,242 37	
Cement	5,928 88	
Drawing material	367 30	
Freight and hauling conduit	683 08	
Fibre conduit	8,255 39	
Hire of horse	47 50	
Insurance	2,264 43	
Labor	85,415 64	
Lumber	1,228 67	
Office supplies, printing and stationery	1,048 72	
Rentals, storeyards and telephones	478 08	
Repairs, tools and miscellaneous supplies	6,488 34	
Sand	3,155 45	
Stone	5,782 02	
Storeyard supplies and fitting West Yard	292 87	
Terra cotta conduit	5,088 72	
Total expenditures		137,264 67
Surplus of credit		$40,959 56
Balance to Conduit 1928 Loan		40,959 56

RENTAL OF SUBWAYS A—VI (55).

Maryland Telephone and Telegraph Co	$6,131 90
Postal Telegraph and Cable Co	522 70
Chesapeake and Potomac Telephone Co	2,917 03
Crown Cork and Seal Co	80 00
Western Union Telegraph Co	872 25
United Electric Light and Power Co	19,344 57
Baltimore & Ohio Railroad Co	2,501 91
University of Maryland	15 35
Chesapeake and Potomac Telephone Co., for use of streets by telephone conduits	29,343 53
Total receipts	$61,729 24
Balance paid into the City Treasury	61,729 24

OPERATING AND MAINTENANCE OF CONDUITS COMPLETED A—VI (55).

Original Appropriation	$7,760 42

EXPENDITURES.

Chief Engineer, Chas. E. Phelps, Jr.	$2,020 75	
Ass't " Chas. G. Edwards	1,262 91	
Chief Cable Inspector, Wm. A. Young	1,515 63	
Labor	2,686 13	
Horse and driver	275 00	
Total expenditures		7,760 42

TURNPIKE DIVIDENDS A—VI (56).

Amount brought forward from 1903	$234 90
" received from Balto. & Fredericktown Road Co.	13 70
" " " Balto. & Reisterstown Turnpike Co.	84 59
Total receipts	$333 19
Balance paid into City Treasury	333 19

SCHOOLS—OFFICE A—VI (61).

Original Appropriation, salaries	$10,600 00

EXPENDITURES.

Secretary, Henry M. Cowles	$2,000 00	
First Ass't Secretary, F. N. Claridge	1,500 00	
Second " " H. C. Buckmaster	1,500 00	
Supervisor, B. B. Owens	2,000 00	
Clerk to Superintendent, G. W. McGill	1,125 00	
" " " Flora M. Pfoutz	375 00	
Stenographer, Helen Hardy	213 95	
" Flora M. Pfoutz	400 00	
Clerk to Supervisor, W. E. Whitcraft	633 32	
Janitor, Oscar Weems	560 00	
Total expenditures		10,307 27
Surplus of credit		$292 73
Balance to surplus, 1904		292 73

Original Appropriation, expenses $1,500 00

EXPENDITURES.

Ice	$ 39 44	
Expressage	18 00	
Postage	125 25	
Cutting grass	12 00	
Washing towels	10 48	
Gas and electric service	188 69	
Stationery	187 52	
Furniture	78 95	
Fuel	246 25	
Repairs	218 48	
Incidentals	374 94	
Total expenditures		1,500 00

DAY SCHOOLS A—VI (61).

Original Appropriation, salaries $1,163,652 76

EXPENDITURES.

Superintendent, J. H. Van Sickle	$5,000 00		
Ass't " H. A. Wise	2,500 00		
" " John E. McCahan	2,400 00		
Supervisor of Music, H. M. Place	1,000 00		
" " " H. M. Baker	500 00		
Ass't " " " H. M. Baker	600 00		
" " " " M. R. Muffley	900 00		
" " " " Minnie A. Lang	900 00		
Help to Superintendent, Geo. M. Gaither	466 00		
48 regular substitutes	12,000 00		
		$26,266 00	
Baltimore City College:			
President, Francis A. Soper	$2,400 00		
Vice- " Charles F. Raddatz	2,200 00		
Professor, Powhatan Clarke	2,000 00		
" A. Z. Hartman	2,000 00		
" and Secretary, Jos. H. Elliott	2,000 00		
" Stephen F. Norris	2,000 00		
" Alex. Hamilton	2,000 00		
" Gerard E. Morgan	2,000 00		
" Philip Friese	2,000 00		
" Julius G. Miller	2,000 00		
" John F. Arthur	2,000 00		
" B. W. Sweeney	1,800 00		
" W. F. Smith	2,000 00		
" A. M. Soho	1,800 00		
" David Weglein	1,800 00		
" R. H. Wright	1,600 00		
Teacher, Ernest J. Becker	1,500 00		
" Percy L. Kaye	1,500 00		
" R. C. Williams	1,100 00		
" Charles M. Smith	650 00		
" L. W. Boardman	466 00		
" Max Switton	400 00		
" Andrew J. Pietsch	500 00		
" John Lorett	1,000 00		
" P. M. Robb	800 00		
" C. C. Plitt	900 00		
Amounts carried forward	$40,416 00	$26,266 00	$1,163,652 76

Amounts brought forward		$26,266 00	$1,163,652 76
Librarian, A. W. Reine	41 67		
2 substitutes	421 56		
Fireman	720 00		
Janitors	1,600 00		
Janitresses	1,440 00		
		44,639 23	
Eastern High School:			
Principal, Wm. F. Wardenburg	$2,400 00		
Vice- " Laura DeValin	1,008 00		
11 assistants	9,900 00		
1 Assistant, Chas. M. Smith	650 00		
1 "	787 11		
1 "	225 00		
1 fireman	720 00		
2 janitresses	600 00		
		16,290 11	
Western High School:			
Principal, Henry S. West	$2,400 00		
Vice- " Louise C. Saumenig	1,008 00		
Assistant, Pamelia Hartman	1,008 00		
" Mary E. Hudgins	1,008 00		
24 assistants	20,600 00		
1 theme reader	43 00		
Substitutes	521 16		
Fireman	720 00		
3 janitresses	1,080 00		
		28,388 16	
Teachers' Training School:			
Principal, Sarah C. Brooks	$1,500 00		
Assistant, Elizabeth Fleming	1,200 00		
" Peris K. Miller	1,000 00		
" E. Lowery Nunn	826 19		
		4,526 19	
Baltimore Polytechnic Institute:			
Principal, W. R. King	$2,400 00		
Vice- " R. H. Uhrbrock	1,700 00		
Assistant, Wm. H. Hall	1,500 00		
" Sam'l M. North	1,500 00		
9 assistants	10,000 00		
4 "	4,000 00		
Assistant, Chas. E. Conway	400 00		
" Harry M. Mason	400 00		
" Allen Malone	333 00		
1 fireman	720 00		
2 janitors	1,440 00		
1 watchman	480 00		
Substitute teachers	229 86		
		25,102 86	
Drawing Teachers:			
Supervisor, O. F. Keach	$1,200 00		
11 assistants	5,278 54		
		6,478 54	
Sewing Teachers:			
Supervisor, Laura V. Davis	$ 900 00		
25 assistants	11,996 04		
		12,896 04	
Physical Culture:			
Supervisor, C. F. E. Schultz	$1,500 00		
6 assistants	4,045 16		
		5,545 16	
Amounts carried forward		$170,132 29	$1,163,652 76

Amounts brought forward		$170,132 29	$1,163,652 76
Colored High and Training School:			
Principal, Jas. H. N. Waring	$2,400 00		
Vice- " Jos. H. Lockerman	1,500 00		
Assistant, Cora B. Jackson	900 00		
" Ralph V. Cook	900 00		
" L. E. Miller	900 00		
" Fannie Barbour	900 00		
" Dan'l A. Brooks	900 00		
" Mason Hawkins	633 00		
" Lucy M. Davis	633 00		
" Dwight Holmes	625 00		
" Beulah Miller	625 00		
" Mattie Childs	400 00		
" Margaret Gregory	720 00		
" Thos. W. Turner	720 00		
" Louisa Parm	240 00		
" Harry T. Pratt	225 00		
" J. R. P. Brock	240 00		
" Geo. D. Jenifer	78 00		
" Corona Mason	62 00		
" Helen Wingate	410 00		
" Marmaduke Carter	84 00		
" Florence Dungee	85 00		
" Julia Jones	124 00		
7 critic teachers	2,606 76		
Fireman, P. H. Pratt	600 00		
4 janitresses	1,150 00		
		18,660 76	
Schools Nos. 107, 110, 116:			
37 teachers	$11,010 51		
1 fireman	480 00		
6 janitresses	1,162 00		
		12,652 51	
Manual Training and Cooking Centres:			
8 teachers	$4,882 66		
1 janitor	120 00		
		5,002 66	
Training School (colored):			
13 teachers		8,604 65	
Group A:			
Principal, Edwin Hebden	$ 2,000 00		
56 teachers	30,375 42		
3 firemen	812 00		
7 janitresses	1,728 00		
		34,915 42	
Group B:			
Principal, Basil Sollers	$ 2,000 00		
63 teachers	30,666 39		
3 firemen	1,460 00		
8 janitresses	1,709 00		
		35 835 39	
Group C:			
Principal, Joseph C. Hands	$ 2,000 00		
79 teachers	39,724 69		
4 firemen	2,172 00		
13 janitresses	3,006 00		
		46,902 69	
Amounts carried forward		$332,706 37	$1,163,652 76

Amounts brought forward		$332,706 37	$1,163,652 76
Group D:			
Principal, A. Alex. Fairbank	$ 2,000 00		
67 teachers	35,155 30		
1 fireman	720 00		
9 janitresses	1,946 00		
		39,821 30	
Group E:			
Principal, Chas. J. Koch	$ 2,000 00		
75 teachers	39,122 72		
3 firemen	1,680 00		
11 janitresses	2,350 00		
		45,152 72	
Group F:			
Principal, Jacob Grape	$ 2,000 00		
66 teachers	34,017 01		
5 firemen	2,358 00		
7 janitresses	1,428 00		
		39,803 01	
Group G:			
Principal, Elisha Jackson	$ 2,000 00		
71 teachers	35,072 83		
2 firemen	966 00		
8 janitresses	2,420 00		
		40,458 83	
Group H:			
Principal, Stephen A. Cremen	$ 2,000 00		
62 teachers	31,500 82		
4 firemen	1,746 00		
6 janitresses	1,219 00		
		36,465 82	
Group I:			
Principal, Wm. H. Tolson	$ 2,000 00		
79 teachers	42,116 60		
3 firemen	1,920 00		
7 janitresses	1,945 00		
		47,981 60	
Group J:			
Principal, Fred. W. Miller	$ 2,000 00		
81 teachers	39,904 66		
4 firemen	2,170 00		
5 janitresses	1,254 00		
		45,328 66	
Group K:			
Principal, Jos. S. Whittington	$ 2,000 00		
71 teachers	38,143 62		
4 firemen	1,929 00		
7 janitresses	2,345 00		
		44,417 62	
Group L:			
Principal, John S. Black	$ 1,500 00		
17 teachers	8,059 51		
1 fireman	600 00		
2 janitresses	456 00		
		10,615 51	
Amounts carried forward		$682,751 44	$1,163,652 76

Amounts brought forward		$682,751 44	$1,163,652 76
Group M:			
Principal, A. J. Pietsch (8 mos)	$ 1,333 33		
" T. C. Bruff (4 mos)	666 67		
79 teachers	42,308 32		
4 firemen	2,280 00		
11 janitresses	1,676 00		
		48,264 32	
Group N:			
Principal, Judson Hunt	$ 2,000 00		
75 teachers	38,328 36		
2 firemen	1,260 00		
10 janitresses	1,810 00		
		42,398 36	
Group O:			
Principal, Sam'l E. Keller	$ 2,000 00		
58 teachers	34,238 77		
3 firemen	1,260 00		
8 janitresses	1,326 00		
		38,824 77	
Group P:			
Principal, Rozell Berryman	$ 2,000 00		
56 teachers	30,789 13		
3 firemen	1,860 00		
4 janitresses	757 00		
		35,406 13	
Group Q:			
Principal, Henry Zoller, Jr.	$ 2,000 00		
66 teachers	37,370 17		
4 firemen	2,480 00		
7 janitresses	1,438 00		
		43,288 17	
Group R:			
Principal, Geo. W. Ebaugh	$ 2,000 00		
64 teachers	33,143 81		
4 firemen	2,070 00		
9 janitresses	1,770 00		
		38,983 81	
Group S:			
Principal, Chas. A. A. J. Miller	$ 2,000 00		
63 teachers	35,741 85		
4 firemen	1,920 00		
6 janitresses	1,530 00		
		41,191 85	
Group T:			
Principal, Chas. M. Elliott	$ 2,000 00		
52 teachers	32,534 78		
4 firemen	1,860 00		
9 janitresses	1,644 00		
		38,038 78	
Group U:			
Principal, Robert W. Elliott	$ 2,000 00		
67 teachers	37,630 76		
4 firemen	2,165 00		
8 janitresses	1,938 00		
		43,733 76	
Amounts carried forward		$1,052,881 39	$1,163,652 76

Amounts brought forward		$1,052,881 39	$1,163,652 76
Group V:			
Principal, Wm. F. E. Taylor	$ 2,000 00		
72 teachers	33,726 36		
3 firemen	1,440 00		
9 janitresses	1,923 00		
		39,089 36	
Group W:			
Principal, Thos. C. Bruff (8 mos.)	$ 1,333 33		
" Mary E. Holmes (4 mos.)	600 00		
47 teachers	26,474 98		
3 firemen	1,584 00		
5 janitresses	1,159 00		
		31,151 31	
Attendance Officers:			
12 officers		8,477 52	
162 occasional substitutes		17,201 48	
Total expenditures			1,148,801 06
Surplus of credit			$14,851 70
Balance to surplus, 1904			14,851 70

DAY SCHOOLS A—VI (61).

Original Appropriation, expenses		$136,822 50
EXPENDITURES.		
Rents	$10,016 87	
Stationery	30,119 88	
Heating apparatus	1,450 00	
Furniture	4,022 90	
Fuel	49,337 81	
Repairs	6,534 45	
Printing	943 75	
Typewriters	2,190 00	
Electric motor and generator	387 00	
Laboratory supplies	2,371 59	
Sewing material	824 30	
Drawing material	617 93	
Manual training supplies	1,963 57	
Rent of telephone system	475 55	
Lighting, advertising, janitor supplies, hauling, weighing coal, expenses commencements, postage stamps and incidentals	25,566 90	
Total expenditures		136,822 50

NIGHT SCHOOL A—VI (61).

Original Appropriation, salaries		$10,206 00
EXPENDITURES.		
77 teachers	$8,728 25	
10 firemen	399 00	
12 janitresses	912 00	
Total expenditures		10,039 25
Surplus of credit		$166 75
Balance to surplus, 1904		166 75

Original Appropriation, expenses		$500 00
EXPENDITURES.		
Gas	$360 65	
Repairs—gas fitting, etc.	74 73	
Incidentals	64 62	
Total expenditures		500 00

FREE TEXT BOOKS A—VI (61).

Balance brought forward from 1903	$ 34 48
Received from the State of Maryland for Free Book Fund	53,605 36
Total credits	$53,639 84
EXPENDITURES.	
Amounts paid to the various contractors for text books for use in the public schools of the City during the year of 1904.	49,961 83
Surplus of credit	$3,678 01
Balance carried forward to 1905	3,678 01
REVENUE.	
Received from State of Maryland for Free School Fund	$318,052 32
" for tuition non-resident pupils, sale old material, etc.	5,893 33
Total receipts	$323,945 65
Balance paid into the City Treasury	323,945 65

COMPLETION OF SCHOOL HOUSES A—VI (61).

Original Appropriation			$21,921 96
EXPENDITURES.			
School No. 74.			
Filbert Paving Co., for curbing	$293 36		
" " " " grading	70 00		
Alex. Davis, building stone wall	929 50		
C. F. Miller & Son, carpentering work	207 95		
Wallace Stebbins & Sons, exhaust pipes.	100 00		
J. F. Flautt & Co., for sand	20 23		
E. F. Baker, expert engineer	9 00		
M. C. Davis, areaways	123 09		
I. H. Peddicord, stone	328 34		
		$2,081 47	
School No. 69.			
M. C. Davis, carpentering work	$212 72		
Wallace Stebbins & Sons, exhaust pipes.	100 00		
E. F. Baker, expert engineer	9 00		
		321 72	
School No. 83.			
C. Sheehan & Son, carpenter's work	$ 383 83		
W. H. Riley, grading	1,085 52		
Alex. Davis, building brick walls, areas and paving	1,804 50		
Baltimore Brick Co.	552 00		
F. Ellenbrock cement	146 00		
H. Meiser & Sons, ironwork	127 71		
Louis A. Dieter, painting	470 00		
E. F. Baker, expert engineer	9 00		
		4,578 56	
Amounts carried forward		$6,981 75	$21,921 96

Amounts brought forward		$6,981 75	$21,921 96

School No. 84.

Brady & Waters, carpentering work	$62 35		
H. Meiser & Sons, ironwork	90 00		
E. F. Baker, expert engineer	9 00		
		161 35	

School No. 55.

M. C. Davis, carpentering work	$426 35		
Heise & Bruns Co., lumber	170 50		
J. C. Mitchell, batrines	190 00		
Wallace Stebbins & Sons, heating	676 85		
		1,463 70	

Saratoga and Mount Street School.

C. L. Stockhausen, carpenter's work	$7,730 16		
Crook, Horner & Co., heating	5,485 00		
Wallace Stebbins & Sons, exhaust pipes.	100 00		
		13,315 16	
Total expenditures			21,921 96

LOT AND BUILDING EASTERN HIGH SCHOOL A—VI (61).

Original Appropriation			$100,000 00

EXPENDITURES.

Purchase of lot		$31,300 00	
R. C. Thomas, survey		16 75	
Rankin, Kellogg & Crane, expert architects		323 00	
Advertising for competitive drawings		39 62	
Total expenditures			31,679 37
Surplus of credit			$68,320 63
Amount carried forward to 1905			68,320 63

LOT AND BUILDING SCHOOL AT FOREST PARK A—VI (61).

Original Appropriation			$15,000 00

EXPENDITURES.

Amount carried forward to 1905			15,000 00

ADDITION TO SCHOOL No. 96 A—VI (61).

Original Appropriation			$60,000 00

EXPENDITURES.

J. K. E. Diffenderfer, blue prints			14 05
Surplus of credit			$59,985 95
Balance carried forward to 1905			59,985 95

LOT AND BUILDING SCHOOL LAKEWOOD AVE. AND OLIVER ST. A—VI (61).

Original Appropriation		$70,000 00
EXPENDITURES.		
Purchase of lot	$4,419 25	
Recording deed	8 00	
J. K. E. Diffenderfer, blue prints	12 80	
Total expenditures		4,440 05
Surplus of credit		$65,559 95
Balance carried forward to 1905		65,559 95

MOVABLE SCHOOLS A—VI (61).

Original Appropriation		$5,000 00
EXPENDITURES.		
Cost of 3 houses and foundations		5,000 00

BUILDING SCHOOL SARATOGA AND MOUNT STREETS A—VI (61).

Balance brought forward from 1903		$4,778 65
EXPENDITURES.		
C. L. Stockhausen, contractor on acc't of building.	$4,755 29	
Advertising for proposals	23 36	
Total expenditures		4,778 65

LOT AND BUILDING SCHOOL No. 10 A—VI (61).

Balance brought forward from 1903		$40,869 05
EXPENDITURES.		
John W. Gibson & wife, purchase of 936 Hollins St.	$1,250 00	
Mary Halloran and Solomon Mendels, purchase of lot 929 Booth Street	225 76	
Recording deed	10 96	
Taxes	57 44	
J. K. E. Diffenderfer, blue prints	6 60	
Advertising for proposals	29 70	
Total expenditures		1,580 46
Surplus of credit		$39,288 59
Balance carried forward to 1905		39,288 59

FURNISHING NEW BUILDINGS A—VI (61).

Balance brought forward from 1903		$11,600 07
EXPENDITURES.		
Furniture	$3,613 75	
Labor setting desks, etc.	412 60	
Slate blackboards and setting	1,515 45	
Sundry supplies	966 10	
Shades	240 61	
Altering desks	1,080 98	
Hauling	53 50	
Plumbing	273 50	
Gasfitting	85 47	
Total expenditures		8,241 96
Surplus of credit		$3,358 11
Balance to surplus, 1904		3,358 11

PURCHASE OF LOT CHARLES AND OSTEND STREETS.

Amount brought forward from 1903		$2,000 00
EXPENDITURES.		
Balance carried forward to 1905		2,000 00

KINDERGARTEN SUPPLIES A—VI (61).

Balance brought forward from 1903		$4,526 23
EXPENDITURES.		
C. M. Stieff, 13 pianos	$2,470 00	
Sanders & Stayman, pianos	2,056 23	
Total expenditures		4,526 23

INTESTATES ESTATES.

Balance brought forward from 1903	$1,519 06
Balance carried forward to 1905	1,519 06

ENOCH PRATT FREE LIBRARY A—VI (62).

Original Appropriation	$4,258 00
Expenditure to cover deficiency in trust funds income	4,258 00

PARKS AND SQUARES—OFFICE A—VI (63).

Original Appropriation, salaries		$3,087 50
EXPENDITURES.		
Secretary-Treasurer, J. V. Kelly	$1,500 00	
Stenographer, Carl K. Mengel	900 00	
Clerk, G. Archer Hays	624 00	
Total expenditures		3,024 00
Surplus of credit		$63 50
Balance to surplus, Park Board, 1904		63 50
Original Appropriation, expenses		$1,718 00
EXPENDITURES.		
Stamps	$100 00	
Stationery and printing	592 33	
Advertising	427 02	
Subscription to papers	16 68	
Directories	12 00	
Typewriter repairs	23 60	
Sundries (washing towels, etc.)	69 14	
Telephones	172 00	
Car tickets	120 00	
Expert accountant	10 00	
Office furnishings	41 07	
Total expenditures		1,583 84
Surplus of credit		$134 16
Balance to surplus, Park Board, 1904		134 16

PARKS AND SQUARES—SALARIES A—VI (63).

Original Appropriation	$200,032 84
Wages returned	5 42
Total credits	$200,038 26

EXPENDITURES.

Classification:

Earned in 1903, unclassified	$ 2,230 18	
*Superintending—Parks	7,551 62	
" General	2,750 00	
Conservatory and greenhouses	12,831 14	
Outdoor gardening and forestry	18,585 23	
Lawns	29,829 87	
Roads and drives	13,079 70	
Paths and walks	16,070 26	
Athletic fields and playgrounds	3,304 78	
Buildings and pavilions	7,321 89	
Policing and gatekeeping	24,317 39	
Live stock—stables	3,151 10	
Zoological collection	3,100 14	
Quarrying	5,884 03	
General repairing	4,765 82	
Unclassified work	2,039 44	
Park concerts	5,956 57	
New benches	202 70	
New stable	4,432 92	
Installing new scales	280 24	
Excavating—gas and water supply	875 87	
Grading for new gymnasium—Clifton Park	3,483 61	
Drainage—Federal Hill Park	462 45	
Grading—Latrobe Park	3,416 87	
Wyman Park—construction	13,369 39	
Total expenditures		189,293 21
Surplus of credit		$10,745 05
Balance to surplus, Park Board, 1904		10,745 05

*Superintendent	Druid Hill	District,	W. H. Cassell	$ 231 00
"	"	"	James W. Boone	1,290 00
"	Carroll	"	H. S. Sinclair	240 00
"	Patterson	"	Chas. L. Seybold	1,530 00
"	Clifton	"	N. F. Flitton	1,530 00
"	Riverside and Carroll	Dist.,	J. Fred. Wessler.	1,515 00
				$6,336 00

These salaries are included above in "Superintending Parks."

PARKS AND SQUARES—Expenses A—VI (63).

Original Appropriation		$155,392 50
EXPENDITURES.		
Classification:		
From 1903—unclassified	$ 531 00	
Superintending	2,513 13	
Conservatory and greenhouse	5,504 07	
Outdoor gardening and forestry	1,889 73	
Lawns	6,582 38	
Roads and drives	1,105 38	
Paths and walks	783 13	
Athletic fields and playgrounds	653 15	
Buildings and pavilions	7,282 21	
Policing and gatekeeping	1,763 15	
Live stock—stable	7,103 84	
Zoological collection	2,200 07	
Quarrying	352 99	
General repairing	2,853 25	
Supplies, flags, etc.	88 65	
Bulbs	900 25	
Electric lighting	11,042 25	
Gas, oil and naphtha	4,303 01	
Telephones	253 28	
Monument	615 00	
New benches	872 34	
Sinking Fund	16,860 65	
Interest, Clifton Loan	31,237 50	
" Patterson Loan	8,000 00	
Olmsted report	3,500 00	
Total expenditures		118,790 41
Surplus of credit		$36,602 09
Balance to surplus, Park Board, 1904		36,602 09

NEW IMPROVEMENTS A—VI (63).

Original Appropriation		$18,769 16
EXPENDITURES.		
Druid Hill Park, general	$7,345 61	
Wyman Park, roadway	2,330 75	
Clifton Park, gymnasium	720 37	
Latrobe Park, grading	2,031 33	
Patterson Park, conservatory	4,356 69	
Total expenditures		16,784 75
Surplus of credit		$1,984 41
Balance to surplus, Park Board, 1904		1,984 41

PARK BOARD RECEIPTS—From Sundry Sources A—VI (63).

Rent—Mansion (Druid Hill Park)	$450 00	
" Casino (Patterson Park)	420 00	
" Dwelling (Druid Hill Park)	162 50	
" Cottages (Clifton Park)	251 50	
" Stand (Patterson Park)	180 00	
" Lakes (Druid Hill Park)	350 00	
" " (Patterson Park)	140 00	
Sales—Horses	627 50	
" Rolling stock	50 00	
" Plants	138 86	
" Old iron	28 40	
" Wood	82 00	
" Sheep	115 00	
" Wool	67 50	
" Hay	158 37	
" Material and labor	1,072 76	
Fines	271 00	
Monument toll	844 05	
		$5,409 44

ADDITION TO CLIFTON PARK A—VI (63).

Original Appropriation	$25,000 00
Balance to Four Million 1945 Loan	25,000 00

ADDITION TO MOALE'S POINT PARK A—VI (63).

Original Appropriation	$3,000 00
Balance carried forward to 1905	3,000 00

ADDITION TO WYMAN'S PARK A—VI (63).

Original Appropriation	$50,000 00
Balance to Four Million 1945 Loan	50,000 00

MEMORIAL IN WYMAN'S PARK.

Amount brought forward from 1903	$500 00
Balance carried forward to 1904	500 00

FREE PUBLIC BATHS COMMISSION A—VI (64).

Original Appropriation, salaries $12,238 26

EXPENDITURES.

Sup't., Rev. Thos. M. Beadenkopf	$550 00		
Bookkeeper	150 00		
		700 00	
Public Baths No. 1.			
Keeper, F. E. Ellis	$780 00		
First Assistant, Jacob Gebhardt	624 00		
Second " Wm. Michaels	598 00		
Third " Victor Heim	242 00		
" " Geo. W. Butterworth	85 50		
" " W. B. Phillips	229 50		
Engineer, Joseph DeFontes	637 00		
Ass't " Ferdinand Leben	357 50		
" " H. Ilgenfritz	19 50		
Woman Attendant, Maggie Reiley	390 00		
" Assistant, Anna Hayes	202 50		
" " Mary O'Neill	42 14		
Laundress, Emma Enis	390 00		
		4,597 64	
Amounts carried forward		$5,297 64	$12,238 26

Amounts brought forward		$5,297 64	$12,238 26
Public Baths No. 2.			
Keeper, Chas. Zeller	$780 00		
Clerk, Edwin Casey	624 00		
First Assistant, Paul M. Stiegmann	624 00		
Engineer, Chas. Helland	676 00		
Ass't " Ferd. Leben	318 50		
" " H. Ilgenfritz	19 50		
Woman Attendant, Laura E. Davis	390 00		
Laundress, Emma Hasfrous	390 00		
		3,822 00	
Men's Outdoor Baths.			
Keeper, Winan's Beach, Geo. W. Butterworth	$240 00		
First Assistant, Winan's Beach, John Kuester	133 00		
Second Assistant, Winan's Beach, Thos. Joyce	114 00		
Helpers, Winan's Beach, Maguire, Waxter, Bruce	58 67		
Keeper, Gwynn's Falls, Andrew Strauss.	204 00		
Helpers, " " Bowen & Kinker	50 75		
Keeper, Canton, Dan'l Lyons	171 00		
Ass't " " Wm. J. Webb,	175 05		
		1,146 47	
Women's Outdoor Baths.			
Keeper, Locust Point, Annette Schildt	$111 25		
Helper, " " George Burton	90 00		
		201 25	
Total expenditures			10,467 36
Surplus of credit			$1,770 90
Balance to surplus, 1904			1,770 90

FREE PUBLIC BATHS COMMISSION A—VI (64).

Original Appropriation, expenses			$7,640 00
EXPENDITURES.			
Public Baths No. 1.			
Betterments	$ 20 66		
Electric and gas lights	276 80		
Fuel	1,196 11		
Soap, starch, salt, etc	855 56		
Rubber goods	16 00		
Household "	220 65		
Towels, dry goods, etc	192 93		
Hardware	117 35		
Oils	128 48		
Repairs	39 80		
Printing	9 85		
Ice	42 12		
Incidentals, postage, etc	126 86		
Car tickets	20 00		
		$3,263 17	
Amounts carried forward		$3,263 17	$7,640 00

Amounts brought forward		$3,263 17	$7,640 00
Public Baths No. 2.			
Betterments	$ 29 85		
Electric and gas lights	206 14		
Fuel	557 85		
Soap, starch, salt, etc.	461 46		
Rubber Goods	12 41		
Household "	36 28		
Towels, dry goods, etc.	94 80		
Hardware	14 27		
Oils	83 89		
Repairs	88 71		
Printing	1 78		
Ice	24 30		
Incidentals, postage, etc.	86 89		
Car tickets	20 00		
		$1,718 63	
Men's Outdoor Baths.			
Betterments	$1,119 16		
Household wares, hardware, etc.	218 54		
Printing	5 50		
Rent	100 00		
Car tickets	30 00		
Extra help, ice, incidentals	69 65		
		1,542 85	
Women's Outdoor Baths.			
Betterments	$ 44 48		
Household wares, etc.	78 71		
Printing	6 50		
Rent	60 00		
Incidentals	7 96		
		197 65	
Total expenditures			6,722 30
Surplus of credit			$917 70
Balance to surplus, 1904			917 70

FREE PUBLIC BATHS COMMISSION A—VI (64).

Receipts

January, cash	$298 16	
February "	347 49	
March "	336 52	
April "	488 10	
May "	542 62	
June "	769 71	
July "	914 22	
August "	1,153 03	
September "	907 57	
October "	675 69	
November "	510 10	
December "	429 65	
		$7,372 86

MARYLAND INSTITUTE A—VI (65).

Original Appropriation	$9,000 00
EXPENDITURES.	
Maryland Institute, as per contract	9,000 00

VETERAN VOLUNTEER FIREMEN'S ASSOCIATION.

Original Appropriation	$1,000 00
EXPENDITURES.	
Veteran Volunteer Firemen's Association	1,000 00

REFUND MEXICAN VETERAN'S MONUMENT ASSOC'N A—VI (65).

Original Appropriation		$300 00
EXPENDITURES.		
Paid L. F. Beeler, Prest. Assn. of Veterans of Mexican War (amt. paid for paving around monument)	$300 00	
Total expenditures		300 00

STATE TAX ON CITY LOANS A—VI (71).

Original Appropriation	$25,000 00
Balance brought forwward from 1903	25,974 76
Total credits	$50,974 76
EXPENDITURES.	
State tax paid on City loans during 1904	29,124 96
Surplus of credit	$21,849 80
Balance to surplus, 1904	21,849 80
Receipts	
Amount paid to City by owners of City stock for State tax on City loans	$1,182 15

INTEREST ON CITY DEPOSITS A—VI (81).

National Mechanics Bank, rate of interest, 2¼ per cent.	$3,805 20	
National Exchange Bank, rate of interest, 2¼ per cent.	4,376 73	
Farmers & Merchants National Bank, rate of interest, 2¼ per cent.	4,331 45	
National Merchants Bank, rate of interest, 2¼ per cent.	4,123 29	
Citizens National Bank, rate of interest, 2¼ per cent.	4,747 20	
First National Bank, rate of interest, 2¼ per cent.	5,490 65	
Marine National Bank, rate of interest, 2¼ per cent.	5,402 93	
Third National Bank, rate of interest, 2½ per cent.	950 19	
Drovers and Mechanics National Bank, rate of interest, 2½ per cent.	938 46	
National Bank of Commerce, rate of interest, 2¼ per cent.	3,974 95	
National Union Bank, rate of interest, 2¼ per cent.	3,928 84	
National Bank of Baltimore, rate of interest, 2¼ per cent.	3,044 28	
National Howard Bank, rate of interest, 2¼ per cent.	482 29	
Total		$45,596 46
Amount paid into the City Treasury		45,596 46

INTEREST ON PAVING CERTIFICATES A—VI (82).

Original Appropriation	$ 219 73
Amount brought forward from 1903	1,338 50
Total credits	$1,558 23

EXPENDITURES.

Southern Asphalt and Paving Co., interest on paving certificate for paving Mt. Royal Avenue	$762 28	
Southern Asphalt and Paving Co., interest on paving certificate for paving Fulton Avenue	576 22	
Daniel Sullivan, interest on paving certificate for paving Augusta Avenue	22 51	
Jno. L. Robertson, interest on paving certificate for paving North Gay Street	87 63	
Daniel Sullivan, interest on paving certificate for paving Collins Avenue	23 12	
Southern Asphalt and Paving Co., interest on paving certificate for paving Calvert Street bridge	86 47	
Total expenditures		1,558 23

INTEREST ON STOCK DEBT A—VI (83).

Original Appropriation $1,517,281 34

EXPENDITURES.

Western Md. R. R.	1925	4 per cent	$27,360 00	
" "	1927	3½ "	55,380 00	
" "	1950	3½ "	30,625 00	
" "	1952	3½ "	35,000 00	
Water	1916	5 "	250,000 00	
"	1922	4 "	20,000 00	
"	1926	4 "	40,000 00	
"	1943	3½ "	700 00	
Patterson Park	1920	4 "	8,000 00	
Harford Run	1940	4 "	18,783 33	
" "	1920	4 "	10,000 00	
Funding	1916	5 "	50,432 75	
"	1936	3½ "	50,432 75	
Refunding	1940	3½ "	150,500 00	
Public Improv'm't	1940	3½ "	210,000 00	
Int. Improvem't	1928	3½ "	169,750 00	
Consolidated	1930	3½ "	175,000 00	
Conduit	1922	3½ "	35,000 00	
"	1928	3½ "	2,800 00	
Four Million	1945	3½ "	136,237 50	
McDonogh	1916	5 "	14,000 00	
Paving	1920	4 "	20,000 00	
Total expenditures				1,510,001 33
Surplus of credit				$7,280 01
Balance to surplus, 1904				7,280 01

REVENUE A—VI (82-91-92).

Taxes Collected from January 1, 1904, to December 31, 1904.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total.
1900.							
Personal	$ 431,726	$1 67	$7,209 81		$7,209 81	$1,993 65	$9,203 46
Securities	88,101	30	264 30		264 30	60 91	325 21
1901.							
Real	1,679,486	1 81½	30,482 80		30,482 80	4,774 15	35,256 95
Personal	1,325,173	1 81½	24,051 73		24,051 73	4,363 10	28,414 83
Securities	335,213	30	1,005 65		1,005 65	194 07	1,199 72
1902.							
Real	13,199,762	1 95	257,395 38		257,395 38	29,415 00	286,810 38
Personal	1,525,850	1 95	29,754 13		29,754 13	3,615 30	33,369 43
Securities	474,402	30	1,423 22		1,423 22	180 52	1,603 74
1903.							
Real	24,528,909	1 86¾	458,077 17		458,077 17	24,273 71	482,350 88
Personal	4,053,985	1 86¾	75,708 12		75,708 12	2,936 85	78,644 97
Securities	2,444,314	30	7,332 97		7,332 97	439 94	7,772 91
1904.							
Real	199,493,775	2 06	4,109,571 73	$63,223 11	4,046,348 62	5,619 30	4,051,967 92
Personal	54,564,686	2 06	1,124,032 51	16,468 35	1,107,564 16	1,491 28	1,109,055 44
Securities	91,311,707	30	273,935 14	5,685 84	268,249 30	647 20	268,896 50
Savings Banks	66,669,075	18¾	125,004 49	3,114 06	121,890 43	74	121,891 17
	$462,126,164		$6,525,249 15	$88,491 36	$6,436,757 79	$80,005 72	$6,516,763 51
SUBURBAN.							
1900.							
Real	50,537	60	303 22		303 22	64 79	368 01
Personal	77,796	60	466 78		466 78	111 44	578 22
1901.							
Real	614,693	60	3,688 15		3,688 15	695 09	4,383 24
1902.							
Real	791,600	60	4,749 60		4,749 60	422 62	5,172 22
1903.							
Real	4,716,479	60	28,298 89		28,298 89	1,644 35	29,943 24
1904.							
Real	25,862,238	60	155,173 44	2,045 79	153,127 65	273 35	153,401 00
	$32,113,343		$192,680 08	$2,045 79	$190,634 29	3,211 64	$193,845 93
	$494,239,507		$6,717,929 23	$90,537 15	$6,627,392 08	$83,217 36	$6,710,609 44

Real, 1904	$4,199,476 27
Real, arrears	782,995 21
Personal, 1904	1,107,564 16
Personal, arrears	137,190 57
Securities	279,798 08
Savings Banks	121,891 17
Interest	81,693 98
	$6,710,609 44
Mortgages	3,811 81
	$6,714,421 25

TAX SALES A—VI (91).

Balance brought forward from 1903	$8,148 76
Paid for advertis'g and expenses on sundry lots sold for taxes	513 42
	$8,662 18
Credits.	
Received from sales of sundry lots sold for taxes	1,214 88
	$7,447 30
Debit balance carried forward to 1905	7,447 30

TAX BAILIFFS A—VI (91).

Original Appropriation being 3 per cent. penalty on taxes in arrears $48,573 08

EXPENDITURES.

Bailiff, Wm. L. Buck	$1,734 76	
" John J. Potter	1,734 76	
" Patrick J. Lynch	1,734 76	
" George S. Stocksdale	1,734 76	
" Thomas D. Harrison	1,734 76	
" J. Wm. Gray	1,734 76	
" George I. Eagleston	1,734 76	
" William A. Callahan	1,734 76	
" Edward L. Meehan	1,734 75	
" Wm. H. McGinity	1,734 75	
" James M. Nolan	1,734 75	
" James M. Garnett	1,734 75	
" A. T. Benzinger	1,734 75	
" Clapham Murray	1,734 75	
" John C. Galloway	1,734 75	
" James M. Huggins	1,734 75	
" Henry Stein	1,734 75	
" Wm. H. Legg	1,734 75	
" Frank D. Fenneman	1,734 75	
" John P. Huber	1,734 75	
" Wm. R. Johnson	1,734 75	
" Thomas J. Kelly	1,734 75	
" Charles H. Shipley	1,734 75	
" George W. Dellman	1,734 75	
" Wm. H. Russell	1,734 75	
" John J. Fitzsimmons	1,734 75	
" Louis Griesman	1,734 75	
" John J. Snyder	1,734 75	
Total expenditures		48,573 08

CONSCIENCE FUND A—VI (91).

Amount brought forward from 1903	$103 39
Received during the year 1904 from City Collector	11 61
Total	$115 00
Balance paid into the City Treasury	115 00

CITY COLLECTOR—Excess of Fees A—VI (91).

Amount brought forward from 1903	$ 83 86
Received during the year 1904	596 97
Total	$680 83
Balance paid into the City Treasury	680 83

REFUND OF TAXES UNDER FOUTZ LAW A—VI (91).

Original Appropriation	$140,000 00

EXPENDITURES.

Refunded to various persons during the year 1904	124 340 92
Surplus of credit	$15,659 08
Balance carried forward to 1905	15,659 08

REFUND OF TAXES IN ANNEX PAID IN ERROR IN 1900 A—VI (91).

Balance brought forward from 1903	$14,412 95

EXPENDITURES.

Refunded to various persons during the year 1904	2,452 29
Balance on hand	$11,960 66
Balance carried forward to 1905	11,960 66

LIQUOR LICENSES.

Amount received from State of Maryland during 1904, being three-fourths of the amount received for Liquor Licenses in Baltimore City	$431,524 32
Balance paid into the City Treasury	431,524 32

GENERAL LICENSES A—VI (94).

Original Appropriation		$1,000 00

EXPENDITURES.

Paid for advertising in sundry papers and for stationery	$473 93	
Paid for 16,935 pairs license plates for vehicles...	485 00	
" " 7,500 s'gle license plates for teleg'h poles		
Total expenditures		958 93
Surplus of credit		$41 07
Balance to surplus, 1904		41 07

LICENSES A—VI (94).

One-horse wagons	$17,905 00	
Two-horse wagons	12,211 00	
Three-horse wagons	633 00	
Four-horse wagons	326 00	
Six-horse wagons	204 00	
Carts	5,224 50	
Drays	109 00	
Cabs	156 75	
Hacks	500 00	
Package carts	785 50	
Coal oil	2,545 50	
Theatrical permits and licenses	2,705 50	
Telegraph and telephone poles	17,720 00	
Cars	3,000 00	
Scows	534 00	
Billiard tables	214 95	
Pool tables	4,665 20	
Bagatelle tables	1,200 85	
Bowling alleys	879 20	
Pawnbrokers	1,000 00	
Privies	406 20	
Bacon	650 00	
Sausage and pudding	183 75	
Merchandise (women)	40 00	
Fruit	152 00	
Peddlers' licenses	551 90	
Numbers replaced	83 50	
Commission merchants	16 55	
	$74,603 85	
Received for dog licenses	15,805 25	
Total receipts		$89,857 20

DOG LICENSES AND FINES A—VI (94).

Receipts

Received for licenses and renewals	$15,805 25
Received for fines	170 00
Received for dogs redeemed	135 50
Total receipts	$16,110 75

EXPENDITURES.

Amount paid Maryland Society for the Prevention of Cruelty to Animals	$8,000 00	
Amount paid for dog licenses	200 00	
" " " stationery	37 00	
" " " sketch and cuts	22 00	
" released by Maryland Society for the Prevention of Cruelty to Animals	7,851 75	
Total expenditures		16,110 75

UNITED RAILWAYS AND ELECTRIC COMPANY A—VI (95).

9 Per Cent. on Gross Receipts.

Three months previous to	1901.	1902.	1903.	1904.
January	$76,173 88	$80,132 42	$86,604 63	$87,964 61
April	68,538 91	73,745 09	77,829 55	68,923 62
July	79,918 21	85,722 50	90,976 13	89,033 15
October	79,527 55	84,797 93	92,215 63	91,291 68
Total receipts for years	$304,158 55	$324,397 94	$347,625 94	$337,213 06

RECEIPTS FROM FRANCHISES AND MINOR PRIVILEGES A--VI (95).

Franchises.

Northern Central Railway Co., switches, etc., Ordinance No. 39, 1904	$300 00	
Broadbent & Davis Mantel Co., switch, Ordinance No. 80, 1904, per annum	5 00	
Baltimore & Ohio Railroad Co., switch and scales, Ordinance No. 81, 1904, per annum	50 00	
Baltimore & Ohio Railroad Co., six curves, Ordinance No. 105, 1904, per annum	40 00	
Nathaniel W. James and Norman James, switch and siding, Ordinance No. 108, 1904	200 00	
Samuel Ales, siding, Ordinance No. 120, 1904	50 00	
Charles H. Classen, switch, Ordinance No. 123, 1904.	50 00	
Baltimore & Ohio Railroad Co., switch, Ordinance No. 124, 1904	50 00	
Hutzler Bros., superstructures, Ord. No. 70, 1904..	50 00	
Philadelphia, Baltimore & Washington Railroad Co., switch, Ordinance No. 134, 1904	75 00	
Abraham Eisenberg, superstructures, Ordinance No. 139, 1904, per annum	28 00	
S. B. Sexton, Jr., bridgeway, Ord. No. 138, 1904....	65 00	
Baltimore & Ohio Railroad Co., extension across Barre Street, Ordinance No. 176, 1904	1,100 00	
Total		$2,063 00

Minor Privileges.

Drains	$29,531 75	
Awnings	588 35	
Bow windows	534 70	
Use of sidewalks	342 52	
Chutes	25 25	
Iron railings	24 00	
Scales	65 00	
Signs	47 00	
Posts	100 00	
Hitching posts	1 00	
Closets	1,198 00	
Electric signs	585 00	
Platforms	11 90	
Vestibules	32 00	
Barber poles	9 00	
Show cases	4 40	
Terraces	38 00	
Vaults	2,052 98	
Wires	1 00	
Booths	1 00	
Pipes	393 00	
Areaways	1,397 90	
Store fronts	397 80	
Superstructures	103 00	
Cable across Light Street bridge	115 00	
Cable, Richmond Market	20 00	
Cellar doors	98 40	
Railroad switches	110 00	
To remove walls	34 60	
Refrigerating and Heating Co.	315 68	
Total		38,178 23
Grand total		$40,241 23
Refunded		292 00
Net amount		$39,949 23

STATEMENT SHOWING MONTHLY RETURNS OF THE INSPECTORS OF STANDARD WEIGHTS AND MEASURES FOR 1904.

	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.	
Northwestern	$446 12	$452 21	$221 71	$165 21	$ 56 30	$ 45 18	$ 20 13	$ 62 48	$ 41 71	$1,511 05	
Southwestern	401 67	218 74	218 87	85 73	40 19	.....	6 40	38 50	22 35	1,032 45	
Southern	244 73	245 42	134 26	25 08	4 80	.....	8 64	2 88	5 76	671 57	
Northeastern	431 46	298 95	232 23	233 05	82 11	71 98	95 32	68 38	41 31	1,554 79	
Southeastern	435 57	137 64	159 38	107 92	168 28	22 31	.....	9 77	10 85	1,051 72	$5,821 58
Long and dry	229 35	229 38	10 20	5 00	.....	15 30	29 90	65 64	44 00	628 77	628 77

H. L. P. Woolf, *Chief Inspector.*

Chas. H. Kuebler,.....*Northwestern District.*
Ernest A. Krengle,.....*Southwestern* "
Rob't W. Harrison,.....*Southern District.*
Geo. W. Parlett,.....*Northeastern* "
A. J. Sugar, *Southeastern District.*

PERMITS, SHEDS, ETC. A—VI (96).

1904.	*Receipts.*	
January	$18 97	$233 15
February	48 85	177 95
March	47 52	1,227 04
April	84 41	848 75
May	93 58	641 85
June	83 26	897 95
July	73 95	726 10
August	63 35	1,239 10
September	68 71	508 35
October	43 44	503 97
November	47 33	719 55
December	79 85	470 65
	$753 22	$8,194 41
Cost of advertising		753 22
Net revenue		$7,441 19

COMMISSIONERS OF FINANCE.

SCHEDULE A—VI.

1904. January 1, To cash balance	$384,909 97
Cash loan to Mayor and City Council	200,000 00
" thirty days' interest account same	583 33
" surplus, 1903	8,157 40
" redemption Harford Run 1904 Loan held in Sinking Fund	138,000 00
" premium, $107,500, Four Million 1945 Loan	16,232 50
" " $140,000, Conduit 1928 Loan	14,710 00
" " $92,500, Water 1943 Loan	14,124 75
" sale City Spring lot, Calvert Street	16,666 67
" Park Board 5 per cent., 1904, railway receipts	16,860 65

Interest collected on stocks in the Sinking Funds:

$ 112,000	Harford Run	1904 Loan,	1 yr.,	4	per cent.	$4,480 00	
26,000	" "	1904 "	6 mos.	4	"	520 00	
138,000	" "	1904 "	4 "	3	"	1,885 99	
15,700	" "	1920 "	1 yr.,	4	"	628 00	
5,100	" "	1920 "	6 mos.	4	"	102 00	
998,200	Water	1916 "	1 yr.,	5	"	49,910 00	
2,100	"	1916 "	6 mos.	5	"	52 50	
63,700	"	1926 "	1 yr.,	4	"	2,548 00	
5,000	"	1943 "	1 "	3½	"	175 00	
30,000	"	1943 "	6 mos.	3½	"	525 00	
55,100	Funding	1916 "	1 yr.,	5	"	2,755 00	
2,000	"	1916 "	6 mos.	5	"	50 00	
120,400	"	1936 "	1 yr.,	3½	"	4,214 00	
5,000	Patterson Pk.	1920 "	1 "	4	"	200 00	
2,190,100	Pub. Imp.	1940 "	1 "	3½	"	76,653 50	
117,800	" "	1940 "	6 mos.	3½	"	2,061 50	
3,000	Paving	1920 "	1 yr.,	4	"	120 00	
750,000	Conduit	1922 "	1 "	3½	"	26,250 00	
80,000	"	1928 "	1 "	3½	"	2,800 00	
88,081.37	Consolidated	1930 "	1 "	3½	"	3,082 86	
300	"	1930 "	6 mos.	3½	"	5 25	
Amounts carried forward						$179,018 60	$810,245 27

Amounts brought forward						$179,018 60	$810,245 27
$ 46,500	W. M. R. R.	1925	Loan, 1 yr.,	4 per cent.		1,860 00	
22,000	"	1925	" 6 mos.	4 "		440 00	
874,300	"	1927	" 1 yr.,	3¼ "		28,414 75	
80,000	"	1927	" 6 mos.	3¼ "		1,300 00	
203,000	"	1952	" 1 yr.,	3½ "		7,105 00	
50,000	"	1950	" 6 mos.	3½ "		875 00	
194,000	Internal Imp.	1928	" 1 yr.,	3½ "		6,790 00	
150,300	" "	1928	" 6 mos.	3½ "		2,630 25	
1,265,500	Refunding	1940	" 1 yr.,	3½ "		44,292 50	
2,183,800	Four Million	1945	" 1 "	3½ "		76,433 00	
300,000	Stock Mass.	1944	" 1 "	3½ "		5,250 00	
							354,409 10

Interest on daily balances:

National Mechanics Bank, 2¼ per cent	$2,250 49	
" Exchange " 2¼ "	910 73	
Merchants National " 2¼ "	1,216 88	
Farmers and Merchants Nat'l Bank, 2¼ per cent	1,077 14	
Citizens National Bank, 2¼ per cent	355 37	
First " " 2¼ "	426 69	
National Marine " 2¼ "	635 53	
Third National " 2¼ "	281 80	
Nat. Bank of Commerce, 2¼ "	1,459 14	
Drovers & Mechanics National Bank, 2¼ per cent	226 85	
National Bank of Baltimore, 2¼ per cent	1,237 29	
" Union Bank, 2¼ "	239 12	
" Howard " 2¼ "	958 84	
		11,275 87

Interest on certificates of deposits, account purchase money of Western Maryland Railroad:

Continental Trust Co., 3½ per cent., 2 months	$ 65,909 71	$ 384 48	
Continental Trust Co., 3½ per cent., adjusted	2,172,460 74	58,309 88	
Mercantile Trust Co., 3¼ per cent., 1 year	1,979,000 00	64,317 50	
Balto. Trust and Guar. Co., 3½ per cent., 1 year	684,000 00	22,230 00	
Balto. Trust and Guar. Co., 3½ per cent., adjusted	400,000 00	6,202 76	
International Trust Co., 3¼ per cent., 1 year	500,000 00	16,250 00	
International Trust Co., 3½ per cent., adjusted	300,000 00	8,278 46	
Security Trust and Storage Co., 3¼ per cent., 1 year	60,000 00	1,950 00	
American Bonding & Trust Co., 3¼ per cent., 1 year	200,000 00	6,500 00	
Third National Bank, 3¼ per cent., 1 year	500,000 00	16,250 00	
Third National Bank, 3½ per cent., adjusted	350,000 00	8,108 33	
National Bank of Commerce, 3¼ per cent., 1 year	340,000 00	11,050 00	
National Bank of Commerce, 3½ per cent., adjusted	350,000 00	3,600 68	
Central Trust Co., 3½ pr. ct., adj'st'd	250,000 00	4,754 17	
National Marine Bank, 3½ per cent., adjusted	200,000 00	3,500 00	
			$231,686 26

Amount carried forward	$1,407,616 50

Amount brought forward..... $1,407,616 50

Rentals and Ground Rents:

Nos. 24, 25, 26, 27 and 29 south side of Block St...	$ 910 88	
" 5, 6, 7 and 8 north side of Block Street.....	146 80	
Calvert Street Spring lot	708 33	
200 feet Pratt Street wharf, near Light Street.....	3,600 00	
Old Fish House property	1,457 00	
Fayette and Arch Streets	52 00	
Pleasant and Calvert Streets	50 00	
Old City Yard property	497 25	
" " " "	480 00	
Battery Avenue	157 50	
Charles and Weyler Streets	75 70	
Nos. 5, 7 and 9 Weyler Street.....	150 00	
" 11 " "	33 60	
" 13 " "	19 20	
" 15 " "	26 32	
" 17 " "	26 32	
" 19 and 21 " "	52 64	
" 25 " "	25 48	
" 27 " "	26 32	
" 31 and 33 " "	52 64	
" 35 " "	9 60	
" 37 " "	20 32	
" 39 and 41 " "	54 49	
" 43 " "	29 60	
" 45 " "	29 60	
Light and Weyler Streets	78 06	
Park Avenue and Preston Street	411 75	
Northeast Market	1,200 00	
Collington Square	960 00	
Perkins Spring Square	2,052 00	
Riverside Park	3,770 62	
Cross Street Market	974 00	
City Property Yard	540 00	
Old City Hall, Holliday Street	306 00	
Lexington and Paca Streets	228 00	
City Hall, Holliday and Fayette Streets	56 00	
Baltimore City College, Howard Street near Centre.	1,000 00	
Colored High School, Penna. Ave. near Dolphin St.	1,147 50	
School lot, Chester and Chew Streets	829 75	
School No. 30, Hollins and Monroe Streets.....	750 00	
" " 102, Howard & Little Montgomery Sts.	120 00	
" " 21, Penna. Ave. and Robert St.....	86 00	
" " 67, Frederick Road and Fairview Ave.	360 00	
" " 110, Waesche St. near Fremont Ave..	480 00	
" " 77, Castle Street	209 25	
" " 4, Hanover and Lee Streets	210 00	
" " 29, Sharp and West Streets	570 00	
" " 91, Argyle Ave. near Lanvale Street.	120 00	
" " 76, Hull and Clement Streets	350 00	
" " 14, Linden Ave. and Wilson Street..	840 00	
" " 92, Charles and Ostend Streets.....	372 50	
" " 94, Ann and Chase Streets	501 75	
" " 20, Eden and Preston Streets	80 00	
" " 42, Broadway and Bank Street.....	200 00	
" " 11, Gilmor and Mosher Streets.....	757 00	
" " 111, Bond and Chew Streets	130 00	
" " 112 Chappell Street near Carey.....	630 00	
" " 34, Carey Street near Columbia Ave..	385 00	
" " 61, Linden Ave. and Konig Street....	1,155 00	
Amounts carried forward.....	$30,551 77	$1,407,616 50

Amounts brought forward	$30,551 77	$1,407,616 50
School No. 93, Baltimore Street near Aisquith	300 00	
" " 58, east side Woodberry Lane	22 50	
" " 6, Ann and Aliceanna Streets	22 50	
" " 78, Harlem Avenue and Monroe Street	480 00	
" " 47, Eastern Avenue and Streeper St.	1,001 00	
" " 2, Gough and Stiles Streets	50 00	
" " 68, Millington and Lehman Aves	240 00	
" " 107, Biddle St. near Penna. Ave	1,500 00	
" " 96, Ramsay and Pulaski Streets	480 00	
" " 13, Patterson P'k Av. & McElderry St.	530 00	
" " 60, Francis St. near Fulton Ave	450 00	
Engine House No. 3, Lombard St. near High St	150 00	
No. 7 Truck House, York Road, Waverly	75 00	
" 8 " " Brunswick St., bet. Frederick and Wilkens Avenues	61 50	
		35,914 27

Redemption of Certificates of Deposits by following Depositories:

Continental Trust Company	$1,100,000 00	
National Bank of Commerce	350,000 00	
Baltimore Trust and Guarantee Company	400,000 00	
Central Trust Company	250,000 00	
Third National Bank	300,000 00	
International Trust Company	200,000 00	
National Marine Bank	200,000 00	
		2,800,000 00

General Sinking Funds, receipts from tax levy:

General Sinking Funds	$68,626 56	
Water 1916 Loan Sinking Fund	59,386 99	
" 1922 " " "	14,846 77	
" 1926 " " "	29,693 49	
Internal Improvement 1928 Loan Sinking Fund	89,080 56	
Public " 1940 " " "	59,386 99	
Four Million 1945 Loan Sinking Fund	14,846 77	
Funding 1936 " " "	29,693 49	
Conduit 1922 " " "	29,693 49	
" 1928 " " "	27,877 30	
Refunding 1940 " " "	59,386 99	
		482,519 40

ENOCH PRATT FREE LIBRARY FUND.

Interest on Trust Funds:

$54,300	Water 1916 Loan, 5 per cent., 1 year					$2,715 00	
2,500	Funding 1916 Loan, 5 per cent., 1 year					125 00	
62,300	Paving 1920 Loan, 4 per cent., 1 year					2,492 00	
195,000	Patterson Park 1920 Loan, 4 per cent., 1 year					7,800 00	
500,000	Water	1922	"	4	" 1 "	20,000 00	
2,100	W. M. R. R.	1925	"	4	" 1 "	84 00	
900	Harford Run	1920	"	4	" 1 "	36 00	
1,000	Water	1926	"	4	" 1 "	40 00	
113,200	Consolidated	1930	"	3½	" 1 "	3,962 00	
13,200	Internal Imp.	1928	"	3½	" 1 "	462 00	
42,700	Public "	1940	"	3½	" 1 "	1,494 50	
37,800	Four Million	1945	"	3½	" 1 "	1,323 00	
145,100	Refunding	1940	"	3½	" 1 "	5,078 50	
4,000	W. M. R. R.	1927	"	3¼	" 1 "	130 00	
Deficiency from General Treasury						4,258 00	
							50,000 00
Amount carried forward							$4,776,050 17

Amount brought forward $4,776,050 17

HORWITZ BENEVOLENT FUND.

Interest on Trust Funds:

$ 400	Water	1916	Loan,	5	per cent.,	1	year....	$ 20 00
100	Funding	1916	"	5	"	1	"	5 00
2,500	"	1916	"	5	"	1	"	125 00
300	W. M. R. R.	1925	"	4	"	1	"	12 00
3,000	Public Imp.	1940	"	3½	"	1	"	105 00
6,400	Refunding	1940	"	3½	"	1	"	224 00
1,600	Four Million	1945	"	3½	"	1	"	56 00
900	W. M. R. R.	1927	"	3¼	"	1	"	29 25
500	Consolidated	1930	"	3½	"	1	"	8 75
								585 00

FREDERICK RAINE FUND.

Interest:

$400 Public Imp. 1940 Loan, 3½ per cent., 1 year.....	14 00
Transfer $230,000 Four Million 1945 Loan in Sinking Fund..	259,900 00
	$5,036,549 17

COMMISSIONERS OF FINANCE.

Credit:

Payment Consolidated 1890 Loan	$ 100 00
" Water 1894 Loan	700 00
" W. M. R. R. 1902 Loan	800 00
" Harford Run 1904 Loan	340,000 00
Interest on W. M. R. R. 1925 Loan, 4 per cent.....	27,360 00
" " " " 1927 " 3¼ "	55,380 00
" " " " 1950 " 3½ "	30,625 00
" " " " 1952 " 3½ "	35,000 00

Purchase of stocks:

$80,000	W. M. R. R.	3¼	per cent.,	1927	Loan....	$84,000 00	
5,100	Harford Run	4	"	1920	"	5,782 38	
500	Public Imp.	3½	"	1940	"	561 09	
1,000	Funding	5	"	1916	"	1,224 80	
59,100	Water	5	"	1916	"	72,129 92	
4,000	"	5	"	1916	"	4,886 77	
2,300	Public Imp.	3½	"	1940	"	2,558 75	
300	Consolidated	3½	"	1930	"	328 20	
300,000	State Mass.	3½	"	1944	"	319,544 38	
50,000	Water	4	"	1926	"	58,495 83	
115,000	Public Imp.	3½	"	1940	"	126,974 38	
110,000	Internal "	3½	"	1928	"	119,176 75	
50,000	W. M. R. R.	3½	"	1952	"	55,768 75	
10,000	Internal Imp.	3½	"	1928	"	10,792 60	
30,300	" "	3½	"	1928	"	32,724 00	
2,000	Funding	3½	"	1916	"	2,360 00	
2,100	Water	5	"	1916	"	2,478 00	
22,000	W. M. R. R.	4	"	1925	"	25,391 44	
26,000	Harford Run	4	"	1904	"	26,568 76	
400	Consolidated	3½	"	1930	"	426 63	
700	Internal Imp.	3½	"	1928	"	745 50	
40,000	Conduit	3½	"	1928	"	43,300 00	
							996,218 93

Horwitz Benevolent Fund, $500 Consolidated 1930 Loan, 3½%.	556 25
Frederick Raine Fund, medals	14 00
Enoch Pratt Free Library	50,000 00
Mayor and City Council, loan	200,000 00
" " " " refund to Lyons Bros. & Co.....	3,524 97
" " " " account Burnt District Fund.....	2,779,754 25
Transfer $230,000, Four Million 1945 Loan, in Sinking Fund.	259,900 00
	$4,779,933 40
Balance	256,615 77
	$5,036,549 17

STATEMENT OF FOUR MILLION

Accounts.	Authorized Appropriation.	Actual Appropriation.
New Courthouse	$1,000,000 00	$1,000,000 00
Public Parks	$1,000,000 00	$ 897,053 58
Clifton Park		$ 722,366 30
Carroll "		104,221 75
Gwynn's Falls Park		15,972 33
Park in South Baltimore		25,000 00
Square in " "		25,000 00
" Riggs, Fremont and Arlington Aves.		1,000 00
Contingent Fund, Park Board		493 20
Addition to Moale's Point Park		3,000 00
Enlargement water supply	$2,000,000 00	$2,000,000 00
Received from Commissioners of Finance	$4,000,000 00	
Total expenditures to date	3,874,696 98	
Balance on hand	$ 125,303 02	

STATEMENT OF CONDUIT 1922

Account.	Authorized Appropriation.	Actual Appropriation.
Electrical Commission	$1,000,000 00	$1,000,000 00

45 LOAN TO DECEMBER 31st, 1904.

Expended to ec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Receipts.	Balance Dr.	Balance Cr.
1,000,000 00	.....	$1,000,000 00	.....	.....	.....
$ 893,053 58	.....	$ 893,053 58	$726 99	.....	$107,673 41
$ 722,366 30	.....	$ 722,366 30	.....	.....	.....
104,221 75	.....	104,221 75	.....	.....	.....
15,972 33	.....	15,972 33	$726 99	.....	.....
25,000 00	.....	25,000 00	.....	.....	.....
15,000 00	.....	25,000 00	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	493 20	.....	.....	.....
.....	.....	.....	.....	.....	.....
1,957,194 08	$ 25,176 31	$1,982,370 39	.....	.....	$ 17,629 61

LOAN TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
.....	.....	$1,000,000 00	.....	.....

STATEMENT OF FIVE MILLION 1928 INTERNAL

Account.	Authorized Appropriation.	Actual Appropriation.
Opening of Douglas Street	$400,000 00	$373,473 46
Widening of Fayette Street	$550,000 00	$555,124 59
Widening of East Baltimore Street	$250,000 00	$168,220 33
*Constructing sewers	$1,750,000 00	$1,744,396 28
Completed to December 31, 1903		$1,723,764 58
Lee Street		8,535 42
Canton Street		12,096 28
Schoolhouses and lots	$400,000 00	$400,000 00
Repaving streets	$1,000,000 00	$1,000,000 00
Completed to December 31, 1903		$997,582 38
Pine Street		2,417 62
Improving Patterson Park	$200,000 00	$200,000 00
Purchasing park Southwest Balto., Carroll.	$50,000 00	$50,000 00
Building bridges	$250,000 00	$259,177 96
Completed to December 31, 1903		$259,177 96
Building addition to Courthouse	$150,000 00	
	$5,000,000 00	
Not Available.		
Courthouse appropriation $150,000 00		
Returned to Coms. of Finance 94,003 66		
	244,003 66	
Totals	$4,755,996 34	$4,750,392 62
Received from Commissioners of Finance	$4,755,996 34	
Total expenditures to date	4,739,510 74	
Balance on hand	$16,485 60	

IMPROVEMENT LOAN TO DECEMBER 31st, 1904

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
$373,473 46	.....	$373,473 46	.....	.....
$555,124 59	.....	$555,124 59	.....	.....
$168,220 33	.....	$168,220 33	.....	.....
$1,735,932 02	.....	$1,735,932 02	.....	$8,464 26
$1,723,764 58	.....	$1,723,764 58	.....	.....
71 16	.....	71 16	.....	$8,464 26
12,096 28	.....	12,096 28	.....	.....
$400,000 00	.....	$400,000 00	.....	.....
$997,582 38	.....	$997,582 38	.....	.....
$997,582 38	.....	$997,582 38	.....	.....
.....	.....	.....	.....	$2,417 62
$200,000 00	.....	$200,000 00	.....	.....
$50,000 00	.....	$50,000 00	.....	.....
$259,177 96	.....	$259,177 96	.....	.....
$259,177 96	.....	$259,177 96	.....	.....
.....	.....	.....	.....	.....
$4,739,510 74	.....	$4,739,510 74	.....	$10,881 88

*Credit to general accounts.
Constructing sewers..... $5,603 72

STATEMENT OF SIX MILLION 1940 PUBLIC

Accounts.	Authorized Appropriation.	Actual Appropriation.
Courthouse and Record Building	$1,597,010 03	$1,597,010 03
" Furnishings	$152,989 97	$152,989 97
Topographical Survey	$125,000 00	$125,000 00
*Schoolhouses and lots	$400,000 00	$399,312 88
Opening Streets	$300,000 00	$300,000 00
Completed to December 31, 1903		$171,599 66
Opening McCulloh Street		79,405 37
Widening Union Dock		48,994 97
Conduits for underground wires	$225,000 00	$225,000 00
*Building bridges	$600,000 00	$587,000 78
Paving streets	$1,600,000 00	$1,600,000 00
*Constructing sewers	$1,000,000 00	$991,564 78
Completed to December 31, 1903		$947,900 14
Stockholm Street		40,000 00
Inlets, Mosher Street sewer, Ord. 132, 1898		687 88
Lee Street		1,464 58
Inlets, Mosher Street sewer, Ord. 63, 1900		908 18
West Lanvale Street sewer		604 00
Totals	$6,000,000 00	$5,977,878 44
Received from Commissioners of Finance	$6,000,000 00	
Total expenditures to date	5,943,454 01	
Balance on hand	$56,545 99	

IMPROVEMENT LOAN TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
$1,597,010 03	.....	$1,597,010 03	.....	.....
$151,993 15	$996 82	$152,989 97	.....	.....
$125,000 00	.....	$125,000 00	.....	.....
$399,312 88	.....	$399,312 88	.....	.....
$297,495 85	.....	$297,495 85	.....	$2,504 15
$171,599 66	.....	$171,599 66	.....	.....
77,658 01	.....	77,658 01	.....	$1,747 36
48,238 18	.....	48,238 18	.....	756 79
$225,000 00	.....	$225,000 00	.....	.....
$587,000 78	.....	$587,000 78	.....	.....
$1,600,000 00	.....	$1,600,000 00	.....	.....
$959,644 50	.....	$959,644 50	.....	$31,920 28
$947,900 14	.....	$947,900 14	.....	.....
10,148 30	.....	10,148 30	.....	$29,851 70
687 88	.....	687 88	.....	.....
.....	.....	.....	.....	1,464 58
908 18	.....	908 18	.....	.....
.....	.....	.....	.....	604 00
$5,942,457 19	$996 82	$5,943,454 01	.....	$34,424 43

*Credits to General Accounts:

Schoolhouses and lots	$ 687 12
Building bridges	12,999 22
Constructing sewers	8,435 22
	$22,121 56

STATEMENT OF CONDUIT 1928

Account.	Authorized Appropriation.	Actual Appropriation.
Electrical Commission	$1,000,000 00	$1,000,000 00
Received from Commissioners of Finance...	$220,000 00	
Total expenditures to date	218,292 60	
Balance on hand	$1,707 40	

STATEMENT OF WATER 1943

Account.	Authorized Appropriation.	Actual Appropriation.
Lot for and construction, New Reservoir...	$350,000 00	$350,000 00
Extension Water Supply, East Jones' Falls..	$70,000 00	$70,000 00
Extension Water Supply, West Gwynn's Falls	$225,000 00	$225,000 00
Received from Commissioners of Finance...	$127,500 00	
Total expenditures to date	58,799 51	
Balance on hand	$68,700 49	

LOAN TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
$72,452 06	$145,840 54	$218,292 60	.....	$781,707 40

LOAN TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
.....	$141 90	$141 90	.....	$349,858 10
$33,902 40	$24,076 12	$57,978 52	.....	$12,021 48
$673 09	$6 00	$679 09	.....	$224,320 91

STATEMENT OF BURNT DISTRICT FUND (W. M. R. R.

Account.	Authorized Appropriation.	Actual Appropriation.
Widening, Opening and Extending Streets..	$1,000,000 00	$1,000,000 00
Light Street ..... Pratt " ..... Hanover " ..... St. Paul "..... Hopkins Place..... Calvert Street..... Lombard " ..... Commerce" ..... Market spaces..... West Falls Avenue.. } Ordinance No. 66..	$1,000,000 00	$1,000,000 00
St. Paul Street Plaza and Widening Streets.	$600,000 00	$600,000 00
St. Paul Street Plaza. German " ..... Charles " ..... } Ordinance No. 67..	$600,000 00	$600,000 00
Special Election, Ord. No. 71.....	$25,000 00	$16,909 96
White & Marriott, Ord. No. 83.....	$1,200 00	$1,200 00
Commissioner of Street Cleaning, Ord. No. 84	$15,000 00	$14,992 67
Dock Improvements, Ord. No. 94.....	$500,000 00	$500,000 00
Courthouse Commission, Ord. No. 98.....	$150,000 00	$150,000 00
Water Board—Revenue, Ord. No. 99.....	$70,000 00	$42,698 74
" " —Expenses, " " 102.....	$3,000 00	$3,000 00
Grading, paving, etc., Ord. No. 113.....	$200,000 00	$200,000 00
City Surveyor's fees and advertis'g, Ord. 114	$1,000 00	$855 47
Purchase triangular lot, Hanover and Fayette Streets, Ord. No. 132.....	$500 00	$500 00
Salaries, Special Assessors and Clerks, Appeal Tax Court	$8,000 00	$8,000 00
Deficiencies in City Departments, Ord. 146....	$161,054 25	$154,491 62
City Register	$ 466 60	$ 466 60
Fire Commissioners	67,147 07	67,147 07
City Engineer	23,081 08	23,051 55
Harbor Board	2,169 17	2,169 17
Commissioner of Street Cleaning.....	3,462 67	3,462 67
Police Commissioners	2,910 75	2,910 75
Topographical Survey	44 79	44 79
Mayoralty	520 00	520 00
Inspector of Buildings	59,968 28	53,435 18
Board of Estimates	83 84	83 84
Health Department	1,200 00	1,200 00
Revising Building Laws, Ord. No. 147.....	5,000 00	5,000 00
Landmarks in Burnt Dist., " " 152.....	4,000 00	4,000 00
Repairs, Jones' Falls walls, " " 153.....	11,000 00	11,000 00
Centre Market Commiss'n, " " 157.....	435,000 00	435,000 00
Burnt Dist. Commiss'n, salaries, Ord. 56..	$25,000 00	$25,000 00
" " " expenses,	.....	.....
Totals	$3,214,754 25	$3,172,648 46
Received from Commissioners of Finance...	$2,779,754 25	
Total expenditures to date.....	2,052,262 64	
Balance on hand	$727,491 61	

Purchase Money) TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
.....	$1,000,000 00	$1,000,000 00	.....	.....
.....	$1,000,000 00	$1,000,000 00	.....	.....
.....	$600,000 00	$600,000 00	.....	.....
.....	$600,000 00	$600,000 00	.....	.....
.....	$16,909 96	$16,909 96	.....	.....
.....	$1,200 00	$1,200 00	.....	.....
.....	$14,992 67	$14,992 67	.....	.....
.....	$125,034 79	$125,034 79	.....	$374,965 21
.....	$633 50	$633 50	.....	$149,366 50
.....	42,698 74	42,698 74	.....	.....
.....	$3,000 00	$3,000 00	.....	.....
.....	$62,855 26	$62,855 26	.....	$137,144 74
.....	$855 47	$855 47	.....	.....
.....	.....	.....	.....	$500 00
.....	$4,367 72	$4,367 72	.....	$3,632 28
.....	$154,491 62	$154,491 62	.....	.....
.....	$ 466 60	$ 466 60	.....	.....
.....	67,147 07	67,147 07	.....	.....
.....	23,051 55	23,051 55	.....	.....
.....	2,169 17	2,169 17	.....	.....
.....	3,462 67	3,462 67	.....	.....
.....	2,910 75	2,910 75	.....	.....
.....	44 79	44 79	.....	.....
.....	520 00	520 00	.....	.....
.....	53,435 18	53,435 18	.....	.....
.....	83 84	83 84	.....	.....
.....	1,200 00	1,200 00	.....	.....
.....	168 66	168 66	.....	$ 4,831 34
.....	.....	.....	.....	4,000 00
.....	.....	.....	.....	11,000 00
.....	54 25	54 25	.....	434,945 75
.....	$25,000 00	$25,000 00	.....	.....
.....	.....	.....	.....	.....
.....	$2,052,262 64	$2,052,262 64	.....	$1,120,385 82

STATEMENT OF SIX MILLION 1954 BURNT DISTRICT

Accounts.		Authorized Appropriation.	Actual Appropriation.
Widening, Opening and Extending Streets..		$825,000 00	$825,000 00
Light Street..... Hanover " ..... St. Paul " ..... Hopkins Place..... Calvert Street..... Lombard " ..... Commerce" ..... Market spaces..... West Falls Avenue..	Ordinance No. 136.	$825,000 00	$825,000 00
St. Paul Street Plaza and Widening Streets.		$600,000 00	$600,000 00
St. Paul Street Plaza. German " ..... Charles "	Ordinance No. 135.	$600,000 00	$600,000 00
Public wharves and docks.. Pratt Street.....	Ord. No. 137..	$3,000,000 00	$3,000,000 00
Burnt Dist. Commiss'n, salaries, Ord. 130 " " " expenses,		$25,000 00	$25,000 00
Totals		$4,450,000 00	$4,450,000 00

IMPROVEMENT LOAN TO DECEMBER 31st, 1904.

Expended to Dec. 31, 1903.	Expended in 1904.	Total Expenditures to Date.	Balance Dr.	Balance Cr.
.....	$132,458 18	$132,458 18	.....	$692,541 82
.....	$132,458 18	$132,458 18	.....	$692,541 82
.....	$162,360 34	$162,360 34	.....	$437,639 66
.....	$162,360 34	$162,360 34	.....	$437,639 66
.....	$3,013 19	$3,013 19	.....	$2,996,986 81
.....	$18,489 49	$18,489 49	.....	$6,510 51
.....	$316,321 20	$316,321 20	.....	$4,133,678 80

THE

ASSETS AND LIABILITIES

OF THE

CITY OF BALTIMORE, MARYLAND,

DECEMBER 31, 1904.

EXPLANATORY

OF

SCHEDULE "B,"

GIVING THE

TAXABLE BASIS, ASSETS AND LIABILITIES.

Schedule B—I presents the taxable basis, with a consolidated statement of the assets and liabilities.

Schedule B—II gives the assets in items.

Schedule B—III stating the liabilities in same manner.

Schedule B—IV shows the cash, receipts and expenditures monthly, and the balance sheets of December 31, 1904.

Schedule B—V comprises a statement of cash held by Commissioners of Finance for the Sinking Fund.

Schedule B—VI relates to Sinking Fund, Funded Debt, interest and rental charges.

Schedule B—VII gives the amount of taxes in arrears on City Collector's books.

Schedule B—VIII is a statement of minor assets and liabilities.

Schedule B—IX is a list of salaries due December 31, 1904, but payable January 1, 1905.

Schedule B—X comprises a list of 1903 bills by departments paid in 1904.

The balance of B Schedules are tabulated lists of City property as follows:

B—XI. Water Works.

B—XII. Electric Subway.

B—XIII. Wharves.

B—XIV. City Hall, Court House.

B—XV. Public Schools.

B—XVI. Engine Houses.

B—XVII. Parks, Squares.

B—XVIII. Police Stations.

B—XIX. Market Houses.

B—XX. Commissioners of Finance.

SCHEDULE B—I.

Taxable Basis—1904.

Gross basis		$503,144,182 00
Net basis		339,344,483 00

EXPLANATORY.

Assesable at full rate:

Real	$232,265,688 00	
Personal	38,115,932 00	
Incorporated companies (estimated)	33,000,000 00	
Distilled spirits in bond	1,100,000 00	
		$304,481,620 00

Assessed at fixed rates:

Securities (30 cents per $100)	$102,136,802 00	
Suburban property (60 cents per $100)	27,525,760 00	
Saving bank deposits 18¾	69,000,000 00	
		198,662,562 00
		$503,144,182 00
$198,662,562 reduced to full rate basis at $2.11½, with 81½% collectible, equals.	$ 34,862,863 00	
Assessable at full rate	304,481,620 00	
Net basis		$339,344,483 00

SCHEDULE B—I*a*.

Assets and Liabilities.

December 31, 1904.

Consolidated Statement.

Assets	$46,420,039 60
Liabilities	40,758,554 37
Excess of assets over liabilities	$ 5,661,485 23

SCHEDULE B—II.

Assets.

December 31, 1904.

Quick assets:

Cash—Register	(Schedule IV*a*)	$1,424,067 37	
" Finance Com'rs	(" V)	256,615 77	
			$ 1,680,683 14
Sinking Funds, face value	(Schedule VI*b*)		15,493,451 82
" " accrued interest to date	(" VI*c*)		148,821 11
" " " rentals	(" VI*d*)		7,888 38
Taxes in arrears	(" VII)		946,478 26
Stocks—550 shares Balto. & Reisterstown Turnpike Co.			2,062 50
" 137 " " " Frederick	" "		456 66
Miscellaneous	(Schedule VIII)		10,623 09
			$18,290,464 96

Fixed assets:

Public utilities, Water Works	(Schedule XI)	12,269,150 94
" " Electrical subways	(" XII)	1,008,065 88
" " Wharves	(" XIII)	627,694 50
City property, City Hall, Courthouse, etc.	(" XIV)	6,223,956 91
" " Schoolhouses and lots	(" XV)	3,756,119 01
" " Engine houses and lots	(" XVI)	645,447 85
" " Parks and squares	(" XVII)	2,578,526 67
" " Police stations	(" XVIII)	384,012 26
" " Market houses	(" XIX)	612,183 95
" " Com'rs of Finance	(" XX)	24,416 67
		$46,420,039 60

SCHEDULE B—III.

Liabilities.

December 31, 1904.

Salaries due, but payable January 1, 1905	(Schedule IX)	$ 72,891 95
Bills due, payable in 1905	(" X)	110,256 53
Funded debt	(" VI)	39,962,882 95
" " accrued interest to date	(" VI*a*)	592,384 00
Miscellaneous	(" VIII)	20,138 94
		$40,758,554 37

SCHEDULE B—IV.

Balance Sheet.

December 31, 1904.

	Dr.	Cr.
City Register, cash on hand	$1,424,067 37	
Tax sales, property sold unredeemed	7,447 30	
Car tickets for City employees	221 00	
Removing dangerous walls	2,954 79	
Burnt District Improvement 1954 Loan	346,200 35	
Water Board, rent for 1905 collected in 1904		$ 8,530 12
Sundry accounts, receipts 1905		3,524 97
Improvement Harford Run		3,096 89
Private paving and inspection		4,195 16
Paving certificates		628 85
Free text books		3,678 01
Intestate estates		1,519 06
Park Board, balance carried forward		31,781 98
Unclaimed damages opening streets		117 50
Refund taxes in Annex paid in error in 1900		11,960 66
Lot and building School No. 10, Hollins Street		39,288 59
Memorial in Wyman's Park		500 00
Purchase lot, Charles and Ostend Streets		2,000 00
Paving streets, balance forward		9,894 21
Opening " " "		6,566 72
Cash balance, Four Million Loan		125,303 02
" " Five " "		16,485 60
" " Six " "		56,545 99
" " Conduit 1928 "		1,707 40
" " Water 1943 "		68,700 49
Burnt District Fund		757,370 76
Sundry departments, balances carried forward to pay contracts made in 1904 and liens on City:		
Repairs Richmond Market hall		5,625 04
Lot and building, Truck House No. 5		20,423 99
" " Engine and Truck House at Forest Park		17,000 00
" " Eastern Female High School		68,320 63
" " school house at Forest Park		15,000 00
Addition to School No. 96		59,985 95
Lot and building school, Lakewood Ave. and Oliver Street		65,559 95
Refund of taxes under Foutz Law		15,659 08
Mural paintings, Courthouse		5,000 00
City Librarian, expenses		115 00
Salaries, public day schools		14,851 70
Bayview Asylum, expenses		3,650 00
Water Engineer, expenses		3,500 00
Surplus, 1904		332,803 49
	$1,780,890 81	$1,780,890 81

SCHEDULE B—IV—*Continued.*

MAYOR AND CITY COUNCIL.

To estimate of receipts	$10,117,479 95		
Less actual receipts	9,941,296 09		
		$176,183 86	
To sundry accounts forward		326,473 32	
" " receipts "		70,407 89	
" surplus for year 1904		332,803 49	
By appropriation for 1904	$10,117,478 87		
Less actual payments	9,261,998 62		
			$855,480 25
By balance appropria'n, Infectious Disease Hosp'l			24,808 50
" " " State tax on City Loans.			21,849 80
" " " furnishing new schools..			3,358 11
" " opening Aiken St., acct. closed			224 50
" paving footways, account closed			99 89
" private sweeping and cleaning, account closed			46 43
" excess estimated receipts over appropriations			1 08
		$905,868 56	$905,868 56

SCHEDULE B—VI*a*.

Harry F. Hooper, Register,

In account with Mayor and City Council of Baltimore.

1904.			
January 1,	To balance	$ 373,099 12	
" 30,	To cash	511,488 51	
February 29,	"	3,146,825 68	
March 31,	"	619,305 05	
April 30,	"	686,779 31	
May 31,	"	893,301 13	
June 30,	"	1,617,305 15	
July 30,	"	1,808,034 60	
August 31,	"	684,744 01	
September 30,	"	301,349 00	
October 31,	"	1,780,010 81	
November 30,	"	680,124 59	
December 31,	"	514,819 30	
January 30,	By cash		$ 899,453 13
February 29,	"		873,700 30
March 31,	"		830,021 99
April 30,	"		674,287 21
May 31,	"		1,007,913 75
June 30,	"		1,153,130 08
July 30,	"		1,851,472 01
August 31,	"		698,965 60
September 30,	"		1,011,953 84
October 31,	"		949,356 55
November 30,	"		1,174,501 20
December 31,	"		1,068,363 23
Balance			1,424,067 37
		$13,617,186 26	$13,617,186 26

SCHEDULE B—V.

Cash Balance Sheet of Commissioners of Finance.

December 31, 1904.

Sinking Funds.					Dr.	Cr.
General Sinking Fund					$164,467 89	
Public Park Sinking Fund						$ 44 18
" " " "				No. 2		335 20
Redemption of Five Million 1890 Loan						1,903 45
W. M. R. R. Sinking Fund						16,036 43
Public Improvement 1940 Loan Sinking Fund						2,748 83
Internal "	1928	"	"	"		1,622 47
Four Million	1945	"	"	"		607 80
Funding	1936	"	"	"		2,219 41
Water	1916	"	"	"		6,641 49
"	1922	"	"	"		987 73
"	1926	"	"	"		763 17
"	1943	"	"	"		865 25
Conduit	1922	"	"	"		1,825 77
"	1928	"	"	"		6,438 87
Refunding	1940	"	"	"		2,709 22
						$ 45,749 27
Special Fund.						
W. M. R. R. Special Fund						374,698 69
Trust Fund.						
Horwitz Benevolent Fund						635 70
Balance					256,615 77	
					$421,083 66	$421,083 66

SCHEDULE B—VI.

Funded Debt.

December 31, 1904.

Name of Loan.	Rate.	When Redeemable.	Amount.
Water	5 per ct.	July 1, 1916	$5,000,000 00
Funding	5 "	July 1, 1916	1,000,000 00
McDonogh Ext.	5 "	September 1, 1916	280,000 00
Harford Run	4 "	January 1, 1920	250,000 00
Patterson Park Ext.	4 "	October 1, 1920	200,000 00
Paving	4 "	November 1, 1920	500,000 00
Conduit	3½ "	January 1, 1922	1,000,000 00
Water	4 "	November 1, 1922	500,000 00
W. M. R. R.	4 "	July 1, 1925	684,000 00
Water	4 "	November 1, 1926	1,000,000 00
W. M. R. R.	3¼ "	January 1, 1927	1,704,000 00
Internal Improv't.	3½ "	July 1, 1928	4,850,000 00
Conduit	3½ "	January 1, 1928	220,000 00
Consolidated	3½ "	July 1, 1930	5,000,000 00
Funding	3½ "	July 1, 1936	1,453,300 00
Public Improv't.	3½ "	January 1, 1940	6,000,000 00
Refunding	3½ "	January 1, 1940	4,300,000 00
Water	3½ "	January 1, 1943	127,500 00
Four Million	3½ "	March 1, 1945	4,000,000 00
W. M. R. R. Rfdg.	3½ "	March 1, 1950	875,000 00
" " "	3½ "	January 1, 1952	1,000,000 00
Stock due in 1860.	6 "	Unredeemed, no int. allowed	482 00
Water stock due in 1875	6 "	" " "	270 00
Consolidated stock due in 1890	6 "	" " "	627 50
Five Million stock due in 1890	6 "	" " "	1,903 45
Jones' Falls stock due in 1900	5 "	" " "	400 00
W. M. R. R. stock due in 1902	6 "	" " "	5,400 00
Harford Run stock due in 1904	4 "	" " "	10,000 00
			$39,962,882 95

Increase of funded debt authorized but not yet issued:

Water 3½ per cent. 1943 Loan, Ordinance No. 86, 1902	$ 872,500 00	
Conduit 3½ per cent. 1928 Loan, Ordinance No. 87, 1902	780,000 00	
Burnt District Improvements 3½ per cent. 1954 Loan, Ordinance No. 71, 1904	6,000,000 00	
		$7,652,500 00

SCHEDULE B—VI*a*.

Accrued Interest on Funded Debt.

December 31, 1904.

2	months.	$5,000,000	00	Water	1916	Loan, 5	per ct.	$41,666 67
2	"	1,000,000	00	Funding	1916	" 5	"	8,333 33
4	"	280,000	00	McDonogh Ext.	1916	" 5	"	4,666 67
6	"	250,000	00	Harford Run	1920	" 4	"	5,000 00
3	"	200,000	00	Patt's'n P'k Ext.	1920	" 4	"	2,000 00
2	"	500,000	00	Paving	1920	" 4	"	3,333 33
6	"	1,000,000	00	Conduit	1922	" 3½	"	17,500 00
2	"	500,000	00	Water	1922	" 4	"	3,333 33
6	"	684,000	00	W. M. R. R.	1925	" 4	"	13,680 00
2	"	1,000,000	00	Water	1926	" 4	"	6,666 67
6	"	1,704,000	00	W. M. R. R.	1927	" 3¼	"	27,690 00
6	"	4,850,000	00	Internal Imp.	1928	" 3½	"	84,875 00
6	"	220,000	00	Conduit	1928	" 3½	"	3,850 00
6	"	5,000,000	00	Consolidated	1930	" 3½	"	87,500 00
6	"	1,453,300	00	Funding	1936	" 3½	"	25,432 75
6	"	6,000,000	00	Public Imp.	1940	" 3½	"	105,000 00
6	"	4,300,000	00	Refunding	1940	" 3½	"	75,250 00
6	"	127,500	00	Water	1943	" 3½	"	2,231 25
4	"	4,000,000	00	Four Million	1945	" 3½	"	46,666 67
4	"	875,000	00	W.M.R.R. Rfdg.	1950	" 3½	"	10,208 33
6	"	1,000,000	00	" "	1952	" 3½	"	17,500 00
								$592,384 00

SCHEDULE B—VI*b*.

Funds Held by Finance Commissioners for Sinking Funds.

December 31, 1904.

Stocks:

Harford Run	1920	Loan,	4	per cent	$ 20,800 00
Water	1916	"	5	"	1,000,300 00
"	1926	"	4	"	63,700 00
"	1943	"	3½	"	35,000 00
Funding	1916	"	5	"	57,100 00
"	1936	"	3½	"	120,400 00
Patterson Park	1920	"	4	"	5,000 00
Public Improvement	1940	"	3½	"	2,307,900 00
Paving	1920	"	4	"	3,000 00
Conduit	1922	"	3½	"	750,000 00
"	1928	"	3½	"	120,000 00
Consolidated	1930	"	3½	"	88,781 37
W. M. R. R.	1925	"	4	"	68,500 00
"	1927	"	3¼	"	954,300 00
"	1952	"	3½	"	203,000 00
"	1950	"	3½	"	50,000 00
Internal Improvem't	1928	"	3½	"	345,000 00
Refunding	1940	"	3½	"	1,265,500 00
Four Million	1945	"	3½	"	2,183,800 00
Stock Mass.	1944	"	3½	"	300,000 00
					$9,942,081 37

Certificates of deposit:

Continental Trust Company,	3½	per cent	$1,138,370 45
Baltimore Trust and Guarantee Co.	3¼	"	684,000 00
International Trust Company,	3½	"	100,000 00
" " "	3¼	"	500,000 00
American Bonding and Trust Co.,	3¼	"	200,000 00
National Bank of Commerce,	3¼	"	340,000 00
Third National Bank,	3½	"	50,000 00
" " "	3¼	"	500,000 00
Mercantile Trust Company,	3¼	"	1,979,000 00
Security Trust and Storage Co.,	3¼	"	60,000 00
			$15,493,451 82

SCHEDULE B—VIc.

Accrued Interest on the Funded Debt in the Sinking Funds.

December 31, 1904.

6	months.	$ 20,800 00	Harford Run	1920	Loan, 4	per ct.	$ 416 00
2	"	1,000,300 00	Water	1916	" 5	"	8,335 83
2	"	63,700 00	"	1926	" 4	"	424 67
6	"	35,000 00	"	1943	" 3½	"	612 50
2	"	57,100 00	Funding	1916	" 5	"	475 83
6	"	120,400 00	"	1936	" 3½	"	2,107 00
3	"	5,000 00	Patterson P'k	1920	" 4	"	50 00
6	"	2,307,900 00	Public Improv't	1940	" 3½	"	40,388 25
2	"	3,000 00	Paving	1920	" 4	"	20 00
6	"	750,000 00	Conduit	1922	" 3½	"	13,125 00
6	"	80,000 00	"	1928	" 3½	"	1,400 00
6	"	88,781 37	Consolidated	1930	" 3½	"	1,553 67
6	"	68,500 00	W. M. R. R.	1925	" 4	"	1,370 00
6	"	954,300 00	"	1927	" 3¼	"	15,507 37
6	"	203,000 00	"	1952	" 3½	"	3,552 50
4	"	50,000 00	"	1950	" 3½	"	583 33
6	"	344,300 00	Internal Imp.	1928	" 3½	"	6,025 25
6	"	1,265,500 00	Refunding	1940	" 3½	"	22,146 25
4	"	2,183,800 00	Four Million	1945	" 3½	"	25,477 66
6	"	300,000 00	Stock Mass.	1944	" 3½	"	5,250 00
							$148,821 11

SCHEDULE B—VI*d*.

Accrued Rentals,

DECEMBER 31, 1904, OF REAL ESTATE AND GROUND RENTS UPON THE BOOKS OF THE COMMISSIONERS OF FINANCE.

Nos. 24, 25, 26, 27 and 29 s. s. Block Street	$113 86
Nos. 5, 6, 7 and 8 n. s. Block Street	73 40
200 feet Pratt Street wharf, near Light Street	300 00
Old Fish House property	304 73
Fayette and Arch Streets	17 35
Pleasant and Calvert Streets	25 00
Old City Yard property	98 10
" " " "	240 00
Battery Avenue	34 12
Charles and Weyler Streets	44 10
Nos. 5, 7 and 9 Weyler Street	37 50
No. 11 Weyler Street	25 20
" 13 " "	14 40
" 15 " "	2 19
" 17 " "	2 19
Nos. 19-21 " "	4 38
No. 23 " "	28 51
" 25 " "	27 60
" 27 " "	28 51
Nos. 31-33 " "	52 64
No. 35 " "	7 00
" 37 " "	15 24
Nos. 39-41 " "	31 11
No. 43 " "	17 02
" 45 " "	2 47
" 49 " "	28 51
Light and Weyler Streets	6 50

Purchased by authority of Ordinance No. 81, 1881.

Park Avenue, near Preston Street	183 00
Hollins and Monroe Streets	125 00
Howard and Little Montgomery Streets	60 00
Pennsylvania Avenue and Robert Street	7 16
Frederick and Fairview Avenues	145 00
Waesche Street, near Fremont	40 00
Castle Street	52 32
Hanover and Lee Streets	43 75
Sharp and West Streets	47 50
Argyle Avenue, near Lanvale Street	10 00
Hull and Clement Streets	58 32
Linden Avenue and Wilson Street	280 00
Charles and Ostend Streets	62 08
Ann and Chase Streets	125 43
Howard Street, opposite Centre	166 66
Preston and Eden Streets	6 66
Broadway and Bank Street	61 11
Mosher and Gilmor Streets	126 16
Northeast Market	600 00
Collington Square	400 00
Perkins' Spring Square	342 00
Riverside Park	314 22
Holliday and Fayette Streets	18 64
Lexington and Paca Streets	76 00
Bond and Chew Streets	65 00
Amount carried forward	$4,997 64

Amount brought forward		$4,997 64
Carey Street and Columbia Avenue	128 33	
Chappell Street, near Carey	157 50	
Ramsay and Smallwood Streets	95 97	
Cross Street Market	162 34	
Linden Avenue and Konig Street	192 50	
Baltimore Street, near Aisquith	66 67	
Lombard Street, near High	75 00	
Rogers Avenue and Low Street	150 00	
East side Woodberry Lane	11 25	
Ann and Aliceanna Streets	5 50	
York Road, Waverly	34 25	
Brunswick St., bet. Frederick and Wilkens Aves.	30 75	
Harlem Avenue and Monroe Street	240 00	
Chew Street, east of Chester Street	43 25	
Pennsylvania Avenue and Robert Street	413 40	
Chester and Chew Streets	204 16	
Francis St., between Fulton Ave. and Barn Alley	180 00	
Patterson Park Avenue and McElderry Street	265 00	
Biddle Street, near Pennsylvania Avenue	250 00	
Lehman Street and Millington Avenue	23 33	
Stiles Street, near Gough	10 42	
Eastern Avenue and Streeper Street	100 12	
Old City Hall	51 00	
		$7,888 38

SCHEDULE B—VI*e*.

Enoch Pratt Free Library Fund.

HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, UNDER ORDINANCE NO. 64, OF 1888.

Water 5 per cent. 1916 Loan	$ 54,300 00	
Funding 5 per cent. 1916 Loan	2,500 00	
		$ 56,800 00
Paving 4 per cent. 1920 Loan	$ 62,300 00	
Patterson Park 4 per cent. 1920 Loan	195,000 00	
Water 4 per cent. 1922 Loan	500,000 00	
W. M. R. R. 4 per cent. 1925 Loan	2,100 00	
Harford Run 4 per cent. 1920 Loan	900 00	
Water 4 per cent. 1926 Loan	1,000 00	
		761,300 00
Consolidated 3½ per cent. 1930 Loan	$113,200 00	
Internal Improvement 3½ per cent. 1928 Loan	13,200 00	
Public Improvement 3½ per cent. 1940 Loan	42,700 00	
Four Million 3½ per cent. 1945 Loan	37,800 00	
Refunding 3½ per cent. 1940 Loan	145,100 00	
		352,000 00
W. M. R. R. 3¼ per cent. 1927 Loan		4,000 00
		$1,174,100 00

Horwitz Benevolent Fund.

HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, UNDER ORDINANCE NO. 7, OF 1888.

Water 5 per cent. 1916 Loan	$ 400 00	
Funding 5 per cent. 1916 Loan	2,600 00	
		$ 3,000 00
W. M. R. R. 4 per cent. 1925 Loan		300 00
Consolidated 3½ per cent. 1930 Loan	$ 500 00	
Public Improvement 3½ per cent. 1940 Loan	3,000 00	
Refunding 3½ per cent. 1940 Loan	6,400 00	
Four Million 3½ per cent. 1945 Loan	1,600 00	
		11,500 00
W. M. R. R. 3¼ per cent. 1927 Loan		900 00
Cash		635 70
		$ 16,335 70

Frederick Raine Fund.

HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, UNDER ORDINANCE NO. 51, OF 1897.

Public Improvement 3½ per cent. 1940 Loan	$ 400 00

SCHEDULE B—VII.

City Collector.

TAXES IN ARREARS DECEMBER 31, 1904.

	Basis.	Estimated Basis Collectible.	Rate.	Product.
1902, Real.....	$1,994,178 00	$1,794,760 00		
1902, Personal...	4,988,257 00	3,491,779 00		
	$6,982,435 00	$5,286,539 00	$1.98	$104,673 47
1902, Securities..	4,087,148 00	3,269,718 00	.30	9,809 15
1903, Real.....	$ 9,910,469 00	$7,928,375 00		
1903, Personal...	10,180,307 00	4,072,122 00		
	$20,090,776 00	$12,000,497 00	$1.86¾	224,109 28
1903, Securities..	6,859,631 00	2,743,852 00	.30	8,231 55
1903, Suburban..	5,017,526 00	3,010,515 00	.60	18,063 09
1904, Real.....	$34,848,321 00	$20,908,992 00		
1904 Personal...	12,007,690 00	3,602,307 00		
	$46,856,011 00	$24,511,299 00	$2.06	504,932 76
1904, Securities..	18,304,330 00	16,973,897 00	.30	50,921 69
1904, Suburban..	7,149,242 00	4,289,545 00	.60	25,737 27
				$946,478 26

SCHEDULE B—VIII.

Miscellaneous Account.

Dr.

Tax sales property redeemed	$ 7,447 30
Dangerous walls, money to be refunded	2,954 79
Car tickets on hand	221 00
	$10,623 09

Cr.

Paving certificates	$ 3,678 01
Opening streets	6,566 72
Paving streets	9,894 21
	$20,138 94

SCHEDULE B—IX.

Salaries Due December 31, 1904.

PAYABLE JANUARY 1, 1905.

General	$ 3,899 92
City Council	2,916 56
" " clerks	520 80
City Engineer	1,799 57
Appeal Tax Court	1,816 68
Orphans' Court	864 00
Superior "	875 00
Criminal "	750 00
Balto. City "	625 00
Court of Common Pleas	708 33
Circuit Court	325 00
" " No. 2	325 00
Library	262 50
Topographical Survey	368 47
Magistrates	1,575 00
Jail	1,336 66
Health	3,654 66
Charities	411 67
Bayview	1,535 16
Superintendent of Public Buildings	2,181 50
Water Board	5,598 70
Commissioners Opening Streets	575 00
Liquor License Commissioners	960 00
Electrical Commission	1,879 13
Nine Judges, Supreme Bench	1,125 00
Inspector of Buildings	2,128 32
Supervisors of Elections	1,441 64
Superintendent of Lamps	291 66
Street Cleaning Department	796 70
Harbor Board	1,944 33
Fire Department	19,075 92
Park Board	522 00
Quarantine	595 00
City Collector	1,440 31
Coroners	1,500 00
Police Examiners	400 00
Juvenile Court	2,646 51
Parks and squares	178 50
Centre Market Commission	80 64
Burnt District Commission	2,961 11
	$72,891 95

SCHEDULE B—X.

Sundry Bills Due December 31, 1904,

PAID IN 1905.

Lexington Market	$ 88 33
Belair "	53 00
Canton "	16 67
Centre "	50 00
Hollins "	29 85
Cross Street "	27 00
Hanover "	43 33
Richmond "	41 03
Fells' Point "	48 75
Lafayette "	23 28
Cross Street Hall	34 50
Superintendent of Lamps and Lighting	16,440 91
Law Department	5,267 66
Health "	949 64
Water "	16,786 83
City Engineer	362 43
Electrical Commission	2,016 62
Public Schools	9,833 42
Fire Department	2,907 18
City Collector	380 42
Superintendent Public Buildings	764 89
Burnt District Commission	3,035 36
Police Department	66 35
Commissioners of Finance	571 14
City Register	10 88
Advertising Laws	911 88
Female House of Refuge	107 75
Court of Common Pleas	1,795 70
Baltimore City Court	215 05
Circuit Court	45 00
Circuit " No. 2	325 00
Superior "	1,270 05
Criminal "	9,114 86
Orphans' "	1 25
Mayoralty	6 37
Comptroller	17 95
Liquor License Commissioners	1,044 53
General License	2 10
Dog License and Fines	1 68
Park Board	863 25
Quarantine	822 35
Public Bath Commission	568 41
Bayview	5,746 72
Transportation to House of Correction	19 58
Insurance on City property	112 50
Inspector of Buildings	7,291 27
Street Cleaning Department	1,723 92
Appeal Tax Court	6 30
Health Department	576 05
Supervisors City Charities	16,400 65
Harbor Board	261 55
Jail	1,102 29
Centre Market Commission	53 05
	$110,256 53

SCHEDULE B—XI.

Water Department.

STATEMENT OF LAND, CONSTRUCTION AND REAL ESTATE DECEMBER 31, 1904.

	Area.			Cost of Land.	Cost of Construction.	Cost of Buildings.
	A.	*R.*	*P.*			
Loch Raven	1,613	0	42.3	$100,218 02	$755,825 82	$24,472 80
Lake Montebello	153	2	3	175,135 00	961,718 06	12,795 01
Druid Lake	110			100,394 91	1,234,179 01	.....
Lake Roland	265	1	30	109,683 00	264,923 20	4,000 00
Lake Clifton	44	3	32	33,555 00	692,777 63	3,500 00
Hampden Reservoir	20	3	29¾	16,700 00	206,643 53	2,700 00
Jones' Falls Conduit	20	1	4.5	32,704 00	536,339 35	.....
Guilford Reservoir	12	3	29	23,276 25	136,444 99	2,950 00
Mt. Royal Reservoir	14	3	22	18,809 63	112,352 72	2,000 00
Mt. Royal Pumping Station	2	0	35	50,000 00	.....	190,891 00
Eastern " "	3	2	37.2	16,200 00	.....	111,614 54
Western " "	.....			.....	.....	53,577 00
Western High Service Reservoir	.....			.....	112,518 57	.....
West Arlington Standpipe		3	33	2,500 00	30,000 00	9,232 74
Gunpowder Conduit	.....			21,849 25	1,757,760 99	.....
Machine Shop	.....			.....	.....	42,559 45
New Standpipe	.....			.....	15,249 62	.....
				$701,025 06	$6,816,733 49	$ 460,292 54
						6,816,733 49
						701,025 06
Total land, construction and real estate						$7,978,051 09
Mains laid, 642 miles 4,813 feet						4,291,099 85
Total						$12,269,150 94

SCHEDULE B—XII.

Electrical Commission.

SUMMARY OF DUCT FEET CONDUIT LAID IN 1904.

1904. LOCATION.	TOTALS. Terra Cotta Duct Feet.	TOTALS. Fibre Duct Feet.	GRAND TOTALS. Duct Feet.
John, from Wilson to Mosher Streets	17,394.0	3,478.8	20,872.8
Howard, from Saratoga to Richmond Streets	52,027.4	3,058.8	55,086.2
Church Lane, from Saratoga Street to Dark Lane	668.4	740.4	1,408.8
St. Paul, from Saratoga to Lexington Streets	4,883.8	3,669.4	8,553.2
Courtland, from Saratoga to Lexington Streets	4,855.6	2,439.2	7,294.8
Calvert, from Saratoga to Lexington Streets	6,031.6	2,762.8	8,794.4
North, from Saratoga to Lexington Streets	4,950.0	2,929.6	7,879.6
Gay, from Lexington to Harrison Streets	6,114.6	3,250.4	9,365.0
Frederick, from Baltimore to Gay Streets	7,850.0	6,597.2	14,447.2
Franklin, from Eutaw to Howard Streets	3,840.2	2,488.6	6,328.8
Howard, from Saratoga to Centre Streets	16,178.8	12,484.8	28,663.6
Eutaw, from north of Lombard to Pratt Streets	5,716.4	2,762.0	8,478.4
Greene, from German to Lombard Streets	4,456.4	4,302.0	8,758.4
Washington Place, west side	.....	516.8	516.8
Lafayette and Madison Avenues	1,030.2	.....	1,030.2
Hoffman, from Park Avenue to Brevard Street	794.8	100.0	894.8
Intersection of Howard with Baltimore, German and Lombard Sts.	1,872.2	556.2	2,428.4
Lombard, from Eutaw to Greene Streets	8,321.2	3,097.6	11,418.8
Fayette, from Gay to Frederick Streets	1,998.0	1,120.0	3,118.0
Charles, from Pratt to Barre Streets	12,053.2	7,107.0	19,160.2
Clay, from Howard Street, west	1,267.8	779.0	2,046.8
Lexington, from Eutaw to Greene Streets	6,671.0	3,536.2	10,207.2
Pratt, from Hanover to Light Streets	7,679.4	5,107.8	12,787.2
Saratoga, from Greene to Gay Streets	41,362.8	25,998.9	67,361.7

Paca, from Baltimore Street to Cider Alley	3,890.0	778.0	4,668.0
Liberty, from Clay to Saratoga Streets	.....	543.6	543.6
Miscellaneous	708.0	5,412.4	6,120.4
Maryland Telephone and Telegraph Company	.....	2,158.5	2,158.5
Police and Fire Alarm Telegraph	5,644.2	3,807.9	9,452.1
Chesapeake and Potomac Telephone Company	.....	492.6	492.6
United Electric Light and Power Company	.....	685.3	685.3
Arc light	.....	737.7	737.7
University of Maryland	.....	127.1	127.1
Baltimore, from Calvert to South Streets	6,711.3	.....	6,711.3
Pratt, from Ellicott Street to Falls	21,658.0	8,578.0	30,236.0
Frederick, from Baltimore to Pratt Streets	9,995.4	2,980.6	12,976.0
Centre Market, from Lombard to Pratt Streets	7,767.6	4,326.9	12,094.5
Lombard, from Gay to Concord Streets	6,876.0	1,375.2	8,251.2
Concord, from Lombard to Pratt Streets	4,053.0	810.6	4,863.6
South, from Baltimore Street to point south	2,226.0	211.0	2,437.0
Grant, crossing Lombard Street	240.0	80.0	320.0
Lombard, from Frederick to Concord Streets	.....	814.4	814.4
Total	287,787.3	132,803.3	420,590.6

420,570.60	Duct feet laid in 1904	$ 25,825 99
4,134,096.74	" " previously laid	982,239 89
		$1,008,065 88

SCHEDULE B—XIII.

List of Wharf Property Owned by the City of Baltimore.

First District:

75 feet on Point Street to water—street 41 feet wide.
196 " on Will Street to water—street 58 feet wide.
200 " in bed of Will Street.
127 " on South Thames Street to water.
37 " abreast of Bond Street, north of water 7 feet, south 43 feet.
42 " on Ann Street, breast of wharf 106 feet from J. Corner & Sons' gate, and 11 feet from Mohler's gate.
40 " on Lancaster Street—length from building line to water, 307 feet.
70 " on East Thames St.—from building line to breast of wharf 284 ft.

Second District:

80 feet head of Smith's Dock.
24 " foot of Commerce Street.
570 " west side of Long Dock.
913 " east side of Long Dock.

Third District:

400 feet on Bowly Street.
184 " on Bowly's Wharf.
200 " South Street and Bowly's Wharf.

Fourth District:		Rent per annum.
200 feet	corner Pratt and Light Streets	$3,600 00*
150 "	" " " Bowly "	.....
66 "	foot of Camden Street	2,000 00
65 "	" Barre "	2,000 00
66 "	" Conway "	750 00
66 "	" Hughes "	96 00
50 "	" Cross "	100 00
82 "	" Montgomery Street	50 00
50 "	" William Street	50 00
66 "	" Johnson "	
80 "	" Henry "	
66 "	" Covington Street.	

Fifth District:

1,058 feet east of Jones' Falls, from Granby Street to lower end of Canton Avenue bridge.
715 " south of Canton Avenue bridge.
1,079 " from the lower end of the Falls to Harford Run.
600 " " Harford Run to Caroline Street.
82 " on Caroline Street, north of Slip-Head.
78 " " " south " "
982 " new wharf, south side Back Basin to corner.
325 " from corner of new wharf to bridge.
85 " Stone Wharf, outside of bridge, on Block Street.
1,200 " on center of Back Basin, both sides, 120 feet breast.
1,710 " west side of Jones' Falls from Pratt Street, exclusive of bridges.

Net amount received from Harbor Master, $34,061.67, plus $3,600 collected by Finance Commissioners, makes a total of $37,661.67; capitalized at 6 per cent. would place the value of the wharf property at $627,694.50.

*Collected by Finance Commissioners

SCHEDULE B—XIV.

List of City Property.

	Acquired.	Size of Lot.	Cost.		
			Lot.	Ground Rent.	Building.
City Hall	1866	238 x 149	$116,276 65	$ 56 00*	$2,271,135 64
New Courthouse	1893	326.9 x 198.11	435,899 65	.....	2,261,110 38
Baltimore City Jail.	1853	6 acres.	17,500 00	.....	319,878 94
Bayview Asylum	1862	70⅛ acres.	14,967 15	.....	592,778 57
" " Addition.	1903	142 acres	49,666 97	.....	.....
East'n Potter's Field	1876	.....	1,500 00	.....	.....
Quarantine Hospital	1859	20 acres	2,500 00	.....	45,492 96
Old Quarantine	1845	.....	2,500 00	.....	.....
Property Yard	1898	291 x 130 x 82	9,000 00	540 00*	.....
Wes'n Potter's Field	1872	.....	2,500 00	.....	.....
City Morgue	1893	.....	2,000 00	.....	5,000 00
Fourth Reg't Armory	1856	144 x 98	.....	1,188 00	60,000 00
Boys' Latin School, lot	1881	91.6 x 150	9,150 00	549 00*	.....
Old City Hall, Holliday Street	....	110 x 51	5,100 00	306 00*	.....
Lot Stiles St., near Gough	....	.....	.....	160 00	.....
			$668,560 42		
Investm't on build'g.	....	.....	.....	.....	$5,555,396 49
Investm't on lots	....	.....	.....	.....	668,560 42
Total investment.					$6,223,956 91

*Owned by Finance Commissioners

SCHEDULE B—XV.

Schools.

		Erected.	Size of Lot.	Ground Rent.	Cost	
					Lot.	Building.
Balto. City College..	Howard Street, near Centre.....	1896	208.6 x 260	$1,000 00* / 3,600 00	$66,666 66	$203,639 00
East'n High School.	Aisquith and Orleans Streets.....	1868	151 x 180	615 90	15,591 66	80,000 00
" " " new	Broadway and North Avenue.....	1904	189 x 200	.....	31,679 37	.....
Western High School	McCulloh Street and Lafayette Avenue.....	1895	238.7 x 230	.....	70,666 66	132,000 00
Polytechnic Institute	Courtland Street	1868	90 x 182 / 150 x 138	220 00	34,237 75	43,000 00
Colored High School	Pennsylvania Avenue and Dolphin Street..	1893	144.6 x 190	1,147 50*	19,125 00	26,000 00
School No. 1.....	N. E. Cor. Fayette and Greene Streets.....	1880	97 x 102	354 00	9,000 00	25,000 00
" 2.....	Gough and Stiles Streets.....	1854	75 x 92	50 00* / 200 00	3,500 00	9,000 00
" 3.....	Eastern and Montford Avenues.....	1880	100 x 150	350 00	.....	24,000 00
" 4.....	Hanover and Lee Streets.....	1896	126 x 105	210 00* / 135 00	3,500 00 / 18,000 00	35,000 00
" 5.....	Broadway and Ashland Avenue.....	1876	120 x 120	600 00	.....	18,000 00
" 6.....	Ann Street, near Canton Avenue.....	1878	140 x 63	22 50* / 90 00	300 00 / 6,800 00	14,800 00
" 7.....	Mullikin Street, near Aisquith.....	1864	74 x 100	.....	E. F. H. S. lot	5,000 00
" 8.....	Caroline Street, near Lombard.....	1888	105.6 x 150	221 34	6,200 00	18,000 00
" 9.....	S. W. Cor. Fayette and Greene Streets.....	1875	77.6 x 170	1,094 75	.....	27,000 00
" 10.....	Hollins Street, near Schroeder.....	1855	60.8 x 134	200 00	.....	6,000 00
" 10.....	Addition	.....	.....	.....	5,711 41	10,000 00
" 11.....	Gilmor and Mosher Streets.....	1886	126.6 x 166.10	757 00*	12,616 66	42,000 00
" 12.....	Barre and Warner Streets.....	1870	67 x 120	268 00	.....	16,000 00
" 13.....	Patterson Park Ave. and McElderry St.....	1890	155 x 115	530 00*	10,000 00	21,000 00
" 14.....	Linden Avenue and Wilson Street.....	1882	150 x 105	840 00*	14,000 00	21,000 00
" 15.....	Saratoga Street and Carrollton Avenue....	1872	100 x 150	700 00	.....	24,000 00
" 16.....	Harford and Ashland Avenues.....	1876	105 x 155	790 00	.....	17,000 00
" 17.....	Light and Poultney Streets.....	1875	62.1 x 122	217 00	800 00	16,000 00
" 19.....	Hollins Street, near Monroe.....	1875	75 x 129	375 00*	6,250 00	18,000 00

School No. 20	Eden and Preston Streets	1868	100 x 207	80 00* 512 00	1,333 33 6,000 00	43,000 00
" 21	Pennsylvania Avenue and Robert Street	1869	80 x 156	86 00* 234 00	1,433 33	16,000 00
" 22	Ramsay and Scott Streets	1865	71 x 128.6	177 50		15,000 00
" 23	Gough and Wolfe Streets	1866	75 x 110	150 00	2,983 33	19,000 00
" 24	Fait Avenue and Patuxent Street	1890	150 x 100		7,500 00	21,000 00
" 25	Bond Street, near Canton Avenue	1867	110 x 129		14,962 50	25,000 00
" 26	Orleans and Bond Streets	1874	84 x 75	126 00	4,500 00	15,000 00
" 27	Fayette and Chester Streets	1869	120 x 91.6	274 50		18,000 00
" 28	Battery Avenue and Clement Street	1869	75 x 82	270 00	1,000 00	7,500 00
" 29	Sharp Street, near West	1886	114 x 155	570 00*	9,500 00	21,600 00
" 30	Hollins Street, near Monroe	1875 1902	75 x 129 36 x 129	375 00*	6,250 00 4,750 00	16,000 00
" 31	Schroeder and Pierce Streets	1890	60 x 124	48 00 180 00	2,500 00	21,000 00
" 32	Guilford Avenue and Lanvale Street	1890	80 x 154		11,800 00	21,000 00
" 33	Light and Clement Streets	1890	100 x 100		10,000 00	21,000 00
" 34	Carey Street and Columbia Avenue	1896	100 x 160	385 00*	6,416 66	30,000 00
" 35	Hanover and Winder Streets	1895	132 x 198		6,700 00	28,297 00
" 37	Biddle Street and Patterson Park Avenue	1895	165 x 150		8,500 00	25,000 00
" 38	Chesapeake and Hudson Streets	1853	80 x 100		(Donated)	5,000 00
" 39	Carrollton and Riggs Avenues	1888	97 x 157		7,000 00	19,000 00
" 42	Broadway and Bank Street	1888	100 x 141	44 44 200 00*	3,333 33	30,000 00
" 43	High Street, near Fayette	1875	80 x 167	900 00		28,800 00
" 43 Branch.	124 and 126 N. High Street					5,000 00
" 44	Sharp Street, near Montgomery	1869	100 x 175	600 00		18,000 00
" 45	Greenmount Avenue and Eager Street	1872	66 x 150	600 00		17,000 00
" 46	Division and Lanvale Streets	1877	104.6 x 171.3	800 00		28,255 66
" 47	Eastern Avenue and Patuxent Street	1898	144 x 300	1,001 00*	16,683 33	50,000 00
" 48	Hollins and Monroe Streets	1875	140 x 129	700 00		21,000 00
" 50	Gorsuch Avenue and Homestead	1889	42 x 90		1,000 00	4,500 00
" 51	York Road, Waverly	1889	100 x 200		4,000 00	14,500 00
" 52	Oak and Twenty-fifth Streets	1889	60 x 160		4,000 00	10,000 00
" 53	St. Paul and Twenty-sixth Streets	1897	100 x 123		10,000 00	60,000 00
" 53	Addition		100 x 123		11,713 41	

		Erected.	Size of Lot.	Ground Rent.	Cost	
					Lot.	Building.
School No. 54	Huntingdon Avenue, near Charles Street	1890	100 x 150		$ 7,000 00	$18,000 00
" 54	Addition					20,000 00
" 55	Chestnut and Fourth Avenues	1890	176 x 220		5,000 00	44,433 12
" 55	Addition	1902	120 x 48		1,200 00	46,769 42
" 57	Church Street, near Merryman's Lane	1889	88 x 245.6		1,300 00	700 00
" 58	Woodberry Avenue, Woodberry	1889	45 x 130	$ 22 50*	375 00	10,000 00
" 60	Francis and Clifton Streets	1893	40 x 150 150 x 120	30 00 450 00*	7,500 00	29,000 00
" 61	Linden Avenue and Konig Street	1897	165 x 150	1,155 00*	19,250 00	54,000 00
" 63	Ninth and Northwest Streets	1894	128 x 226.6		4,718 66	25,000 00
" 65	Calverton, Bloomingdale Road	1893	75 x 169		1,500 00	15,500 00
" 66	Carroll, Old Frederick Road	1889	41 x 289	50 00	1,500 00	500 00
" 67	Old Frederick Road, Fairview	1892	150 x 257 61 x 238	360 00*	6,000 00 2,000 00	15,000 00 4,500 00
" 68	Millington and Lehman Avenues	1892	200 x 80	240 00*	4,000 00	21,000 00
" 69	Walbrook Avenue and Smallwood Street	1902	150 x 210		5,000 00	65,203 81
" 70	William Street and Warren Avenue	1850	70 x 140	175 00		19,000 00
" 71	Bond and Jefferson Streets	1884	70 x 152.6	19 00	8,700 00	20,000 00
" 72	Ridgely Street, near Fremont Avenue	1877	124.6 x 155	620 62		25,000 00
" 73	Aisquith Street, near Lexington	1870	100 x 152	25 00	17,100 00	20,000 00
" 74	Twenty-second and Cromwell Streets	1902	200 x 60		7,000 00	71,110 47
" 75	Carrollton Avenue and Lexington Street	1886	149.6 x 253	400 00	10,000 00	40,000 00
" 76	Clement and Hull Streets	1882	100 x 155.3	350 00*	5,833 32	18,000 00
" 77	Washington and Fayette Streets	1871	93 x 134	372 00 209 25*	3,487 50	20,000 00
" 78	Harlem Avenue and Monroe Street	1893	72 x 245 85 x 249	480 00*	8,000 00 9,500 00	30,500 00
" 79	Park Avenue and Hoffman Street	1892	120 x 150	1,020 00		35,000 00
" 80	Eden and Federal Streets	1890	100 x 80		8,000 00	33,000 00
" 81	Gilmor and Presstman Streets	1875	105.6 x 155	620 00		18,350 00
" 82	Mulberry Street, near Fremont Avenue	1868	87.8 x 134	350 67		15,000 00
" 83	Lakewood Avenue and Orleans Street	1902	200 x 145		9,166 46	63,475 90

School No. 84	Johnson and Heath Streets	1902	148.3 x 157.10		10,000 00	69,218 35
" 91	Argyle Avenue, near Lanvale Street	1858	80 x 140	120 00* 195 00	2,000 00	13,000 00
" 92	Charles and Ostend Streets	1882	74 x 219.6	372 50*	6,208 33	28,000 00
" 93	Baltimore Street, near Aisquith	1879	120 x 170	300 00* 1,000 00	6,600 00 5,000 00	28,000 00
" 94	Chase and McDonogh Streets	1882	80 x 223	501 75*	8,362 50	38,675 00
" 95	Lexington Street, near Fremont Avenue	1890	81 x 220.6		15,000 00	25,000 00
" 96	Ramsay and Smallwood Streets	1895	357 x 231	480 00*	8,000 00 4,000 00	36,885 00
" 96	Addition					14 05**
" 99	North Avenue and Washington Street	1891	120 x 193		9,000 00	25,000 00
" 100	Mount and Saratoga Streets	1896	151 x 156		10,000 00	63,315 16
" 101	Jefferson Street, near Caroline	1855	83.6 x 80	200 00	1,350 00	5,000 00
" 102	Howard and Montgomery Streets	1872	50 x 104	120 00*	2,000 00 8,000 00	6,000 00
" 105	Rogers Avenue, near Lexington Street	1874	75 x 105	25 00	5,025 00	14,000 00
" 106	Hill and Sharp Streets	1893	155 x 99	192 00	16,000 00	27,000 00
" 107	Biddle Street, near Pennsylvania Avenue	1870	70 x 150	70 00	15,000 00	10,000 00
" 108	Caroline Street, near Bank	1867	76 x 90	134 00	4,800 00	8,000 00
" 109	Barre Street, near Eutaw	1854	65 x 112	300 00		10,000 00
" 110	Waesche Street, near Fremont Avenue	1877	143.9 x 120	480 00*	9,600 00	22,000 00
" 111	Bond Street, near Ashland Avenue	1864	80 x 80	130 00*	3,250 00 1,200 00	7,000 00
" 112	Carey and Chappell Streets	1897	135.9 x 142	630 00*	10,500 00	40,408 70
" 113	Girard Avenue and Sherman Lane	1895	120 x 124		7,200 00	23,968 00
" 115	Merryman's Lane, Waverly	1889	32.6 x 127.5	50 00	750 00	4,500 00
" 116	Druid Hill Avenue, near Biddle Street	1841	75 x 100	150 00		12,000 00
Chester Street and Ashland Avenue		1898 1900	136 x 129 200 x 133	829 75*	4,750 00 13,829 16	
Pennsylvania Avenue and Biddle Street		1900	92 x 200	1,500 00*	26,500 00	
Fremont Avenue, near Lombard Street (vacant)		1843	74 x 150		1,200 00	8,000 00
Lakewood Avenue and Oliver Street		1904	150 x 320.3		4,440 05	
Saratoga Street, near Charles		1888	66 x 193	600 00	16,000 00	20,000 00
					$887,200 37	
Total amount invested in buildings						$2,868,918 64
Total amount invested in lots						887,200 37
Grand total						$3,756,119 01

*Owned by Commissioners of Finance.
**In course of construction.

SCHEDULE B—XVI.

Fire Department Property.

No.	Organized.	LOCATION.	Size of Lot.	Cost. Building.	Cost. Lot.	Ground Rent.
		Engine Companies:				
1	1859	Paca Street, near Fayette	150 x 33	$22,000 00	$5,000 00	$105 00
2	1859	Barre Street, near Sharp	92 x 25	10,000 00	1,400 00	62 50
3	1859	Lombard Street, near High	100 x 23	8,000 00	3,333 33	150 00*
4	1859	Lexington Street, near North	120 x 22	13,000 00	1,924 16	.....
5	1859	Ann Street near Lombard	140 x 30	15,000 00	8,314 00	.....
6	1859	Gay and Ensor Streets	80 x 48	22,000 00	10,000 00	62 00
7	1859	Eutaw Street and Druid Hill Avenue	33 x 57	13,000 00	3,500 00	51 00
8	1871	Mulberry Street, near Schroeder	125 x 23	10,000 00	2,350 00	.....
9	1872	Madison Street, near Broadway	150 x 33	12,000 00	2,640 00	.....
10	1872	Columbia Avenue, near Poppleton Street	100 x 22	12,000 00	1,173 33	.....
11	1874	Eastern and Patterson Park Avenues	64 x 26	12,000 00	.....	123 75
12	1875	Fort and Riverside Avenues	125 x 25	12,000 00	.....	150 00
13	1876	Myrtle and Fremont Avenues	195 x205	19,463 00	(Donated)	.....
14	1888	Hollins Street, near Monroe	130 x 62	14,000 00	3,000 00	.....
15	1890	Lombard Street, near Howard	105 x 33	20,000 00	10,000 00	.....
16	1891	Thames Street	.....	2,500 00	.....	.....
17	1895	Fort Avenue and Haubert Street	51 x 97	13,000 00	2,150 00	.....
18	1893	Twenty-first Street, near Maryland Avenue	140 x 36	13,600 00	3,400 00	.....
19	1895	North Avenue and Bond Street	120 x 40	16,000 00	4,000 00	.....
20	1896	North Avenue and Tenth Street	110 x 60	16,059 00	1,500 00	.....
21	1897	Roland Avenue and Oliver Place	90 x 50	15,000 00	2,500 00	.....
22	1901	Patuxent and O'Donnell Streets	125 x 50	21,486 00	3,000 00	.....
23	1902	Saratoga Street, near Howard	80 x 50	22,354 75	23,145 25	.....
24	1903	Patterson Park Avenue, near Orleans Street	85 x 25	16,500 00	3,500 00	.....
25	1903	Gold and McCulloh Streets	37½x120	31,136 13	3,020 00	.....

		Hook and Ladder Companies:				
1	1859	Harrison Street near Fayette	106 x 25	10,000 00	2,000 00	100 00
4	1880	Biddle Street, near Druid Hill Avenue	150 x 30	10,000 00	9,500 00	.....
5	1887	Aisquith Street, near Oliver	166 x 22	10,000 00	2,200 00	.....
New 5	1904	Harford Avenue and Oliver Street	.....	.....	4,576 01	.....
6	1888	Hanover and Ostend Streets	133 x 25	12,000 00	2,000 00	.....
7	1901	York Road	200 x 30	17,677 33	4,737 23**	75 00*
8	1900	Brunswick Street, near Frederick Avenue	85 x 41	3,000 00	4,125 00	61 50*
10	1895	Lafayette Avenue, near Stricker Street	145 x 50	14,000 00	5,000 00	.....
11	1898	North Avenue and McMechen Street	130x111x172	26,500 00	8,000 00	.....
		Chemical Companies:				
1	1888	Gorsuch Avenue	90 x 20	5,000 00	2,483 33	.....
2	1888	Mary Street, near Retreat	105 x 20	3,000 00	1,800 00	72 00
3	1888	Belair Road	110 x 40	5,000 00	1,900 00	40 00
				$498,276 21		$1,052 75

Investment in lots	$147,171 64
Investment in buildings	498,276 21
Total investment	$645,449 85

*Owned by Commissioners of Finance.
**In course of construction.

SCHEDULE B—XVII.

Parks and Squares.

	Acquired.	Size.	Ground Rent.	Cost.
Druid Hill Park	1860	671 21/100 acres.		$695,154 65
Clifton Park	1895	254¾ "		725,535 81
Patterson Park	1850	106 "		309,434 83
Carroll Park	1890	64¼ "		188,827 00
Wyman's Park	1902	45 "		(donated.)
Gwynn's Falls Park	1902	29 "		15,987 80
Riverside Park	1862	17 28/100 "	$3,770 62*	77,488 78
Locust Point Park	1902	8¾ "		25,000 00
Federal Hill Park	1879	8¼ "	37 50	91,135 46
Moale's Point Park	1902	6½ "		25,000 00
Collington Square	1880	5 14/100 "		103,433 00
Bolton Park	1891	3¾ "	960 00*	24,000 00
Johnston Square	1877	2 5/100 "		20,000 00
Mt. Royal Terraces	1884	2 "		44,677 58
Eastern Fountain	1818	175 x 350		15,000 00
Madison Square	1853	425 x 350		30,000 00
Jackson Square	1844	405 x 50		(donated.)
Franklin Square	1839	330 x 330		10,000 00
Union Square	1847	290 x 330		(donated.)
Lafayette Square	1859	370 x 330		15,000 00
Perkins' Spring Square	1873	555 x 305	2,052 00*	34,200 00
Harlem Park	1869	433 x 700		(donated.)
Mt. Vernon Squares (2)	1815	240 x 60		"
" " " (2)	1815	230 x 50		"
Eutaw Squares, (8)	1853			60,000 00
Fulton Ave. Squares, (14)	1866			(donated.)
Broadway Squares, (17)	1851			28,661 48
Mt. Royal Squares, (6)	1874			9,790 28
Park Place Squares, (2)	1860			(donated.)
Taney Place Squares, (2)	1881			"
Wilkens Ave. Squares, (7)	1870			30,000 00
Frick Triangle	1892			(donated.)
Bo-Lin Park	1893	95 x 105		"
Maple Park, North Ave., John and Wilson Streets	1895			"
Brewer Square	1892			"
Callow Triangle	1898			"
Ashland Square	1851			200 00
Liberty Square				
Linden Triangle				
Total invested in Parks and Squares				$2,578,526 67

*Owned by Commissioners of Finance.

SCHEDULE B—XVIII.

Police Station Houses.

	Ground Rent.	Lot.	Building.
EASTERN:			
Bank and Bethel Sts., 68 feet x 100 feet			$15,302 66
CENTRAL:			
North Street, near Lexington, 48 feet 4 inches x 98 feet	$120 00	$17,000 00	19,783 82
NORTHEASTERN:			
Ashland Avenue and Durham Street, 57½ feet x 37 feet		3,675 00	32,999 00
WESTERN:			
Pine Street and Pin Alley, 59 feet 8 inches x 140 feet		7,000 00	42,909 70
NORTHERN:			
Cedar Avenue and Second Avenue, 155 feet x 300 feet		9,307 00	88,346 09
SOUTHWESTERN:			
Calhoun Street, Pratt Street, Marion Alley, 55 feet x 157 feet 2 inches		4,000 00	41,005 36
SOUTHERN:			
Ostend Street and Patapsco Street, 70 feet x 110 feet		5,800 00	39,364 00
NORTHWESTERN:			
Pennsylvania Avenue and Lambert St., 46 feet 6 inches x 150 feet		10,000 00	38,493 41
OLD SOUTHERN:			
Sharp St., Hughes St., Little Montgomery, 20 ft.—95 ft.,, 100 ft.—59 ft.		795 26	8,230 96
		$57,577 26	
Investment in buildings			$326,435 00
" in lots			57,577 26
Total investment			$384,012 26

SCHEDULE B—XIX.

Markets.

	Ground Rent.	Lot.	Structure.	Total.
BELAIR	.....	$35,088 33	$19,260 45	$54,348 78
Forest St., from Hillen St. to 100 ft. s. of Low St.				
50 ft. x 125 ft., Hillen St. to Ensor St.				
56 ft. x 150 ft., Hillen St. to Ensor St.				
56 ft. x 125 ft., Ensor St. to Gay St.				
50 ft. x 190 ft., Ensor St. to Gay St.				
50 ft. x 265 ft., Gay St. to Low St.				
50 ft. x 100 ft. south of Low St.				
CANTON	.....	.....	8,613 15	8,613 15
O'Donnell St., from Patuxent to Potomac St., 75 x 340 ft.				
CENTRE	.....	.....	.....	.....
Market Space:				
50 ft. x 340 ft., Balto. St. to Water St.				
50 ft. x 230 ft., Water St. to Lombard St.				
50 ft. x 262 ft., Lombard St. to Pratt St.				
50 ft. x 282 ft., Water St., Mkt. Sp. to Concord St.				
CROSS STREET	.....	$ 974 00*	8,116 67	52,022 68	60,139 35
515 ft., Charles to Light Street.				
63 ft., Cross to Brown St.				
FELL'S POINT	.....	.....	62,871 96	62,871 96
Broadway, Canton Ave. to Thames St.				
50 ft. x 265 ft., Canton Ave. to Aliceanna St.				
50 ft. x 300 ft., Aliceanna to Lancaster St.				
50 ft. x 184 ft., Lancaster St. to Thames St.				
HANOVER	.....	3,866 00	25,001 43	28,867 43
Hanover St., Dover St., Camden St. and Camden Lane.				
140 ft. x 140 ft.				

*Owned by Finance Commissioners

SCHEDULE B—XIX—*Continued.*

Markets—Continued.

	Ground Rent.	Lot.	Structure.	Total.
HOLLINS	.....	.....	$29,871 16	$29,871 16
Hollins St., Carrollton to Arlington Aves. 40 ft. x 340 ft.				
LAFAYETTE	.....	$28,993 24	31,137 15	60,130 39
Sewall St., Penna. to Fremont Aves. 50 ft. x 358 ft. and 370 ft.				
LEXINGTON	$ 228 00*	21,800 00	56,387 13	78,187 13
Lexington Street and Louisiana Ave. 50 ft. x 192 ft., Eutaw St. to Paca St. 50 ft. x 290 ft., Paca St. to Greene St. 50 ft. x 200 ft., Greene St. to Pearl St.				
NORTHEAST	1,200 00*	20,000 00	19,472 93	39,472 93
Monument Street, McElderry St., Chester St. and Duncan St. 123¼ ft. x 136½ ft.				
RICHMOND	.....	73,278 73	116,402 94	189,681 67
Biddle St., 103 ft. Richmond St., 120 ft. Howard St., 290 ft. Armory Ave., 161 ft. Linden Ave., 300 ft.				
	$2,402 00*			
Investment in Lots.....	.....	$191,142 97		
Investment in Buildings...	.....	.....	$421,040 98	
Total Investment.....	.....	.....	.....	$612,183 95

*Owned by Finance Commissioners

SCHEDULE B—XX.

List of City Property Under the Control of the Commissioners of Finance.

Location.	Date.	Cost of Lot.	Annual Rental.
24, 25, 26, 27, 28 and 29 s. s., and 5, 6, 7 and 8 n. s. Block Street	1817	Made ground.	$1,204 48
Fayette and Arch Streets	1828	$ 800 00	52 00
Old City Yard property	1832	Made ground.	2,434 25
Pleasant and Calvert Sts., Boys' Home.	1869	15,500 00	50 00
Battery Avenue and Clement Street (School No. 28)	1863	.....	157 50
5 to 27, 31 to 49 Weyler Street, and Light and Weyler Sts., and Charles and Weyler Streets	1883	8,116 67	772 13
		$24,416 67	

SCHEDULE B—XX*a*.

Free Public Baths.

BATH No. 1:

South High Street, near Pratt Street.....Lot 45 ft. 6 in. x 106 ft. 3 in.

BATH No. 2:

Columbia Avenue and Calendar Alley.....Lot 40 ft. x 100 ft. 8½ in.

SCHEDULE B—XX*b*.

Enoch Pratt Free Libraries.

MAIN BUILDING:

106 West Mulberry Street.....Lot 80 ft. 7 in. x 140 ft.

BRANCHES:

Fremont Avenue and Pitcher Street.....{ Lot 87 ft. x 78 ft. / Lot 78 ft. x 75 ft.
Hollins and Calhoun Street .....Lot 40 ft. x 90 ft. 4 in.
Light and Gittings Streets .....Lot 40 ft. x 83 ft. 3½ in.
Canton and O'Donnell Streets.....Lot 60 ft. x 125 ft.
Broadway and Miller Street .....Lot 50 ft. x 100 ft.
St. Paul, near Twenty-fifth Street.....Lot 70 ft. x 187 ft.
Falls Road, near Fourth Avenue .....Lot about 50 ft. x 120 ft.

ANNUAL REPORT

OF THE

DEPARTMENT OF REVIEW AND ASSESSMENT

SUB-DEPARTMENT

APPEAL TAX COURT

FOR YEAR 1904

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
PUBLIC PRINTER

1905

REPORT

OF THE

DEPARTMENT OF REVIEW AND ASSESSMENT,

SUB-DEPARTMENT

APPEAL TAX COURT

City Hall,

Baltimore, January 1, 1905.

To the Honorable the Mayor and City Council of Baltimore.

Gentlemen: We beg herewith to submit a report of this Sub-Department for the fiscal year ending December 31, 1904.

Table "A" is a statement of new assessments and abatements made for the years 1902, 1903 and 1904, from January 1, 1904, to December 31, 1904.

Table "B" exhibits by wards the number of building permits issued during the year. The permits are issued under the old ward lines or assessment districts, as required by Chapter 120, Section 164 (page 162), Laws of Maryland, 1896.

Table "C" shows the number of new buildings and additional improvements assessed by the Court's assessors, the wards in which they are severally located (old twenty-two wards), and a detailed aggregate valuation of the same.

Table "D" shows the number and amount of increases made in real estate, personal property and securities during the year.

Table "E" shows the number of appeals as to real estate passed upon by the Court, with the abatements made.

Table "F" shows the assessed value of manufacturing plants exempted from city taxes.

Table "G" shows the appropriations, expense account and disbursements.

Table "H" shows the number of notices, assessments, abatements, transfers and investigations.

CONWAY W. SAMS, *President*,
OSCAR LESER,
WILLIAM H. BRUNE,
Judges.

For the taxable basis for 1905, made out and delivered to the City Collector, and also to the Board of Estimates, the following is a statement showing the valuation and assessment of all property subject to taxation in said city as it appears upon the assessment books of said Court on the 1st day of October, 1904. This statement was delivered both to the City Collector and to the Board of Estimates promptly on the 1st day of October under Section 171 of the New Charter:

OCTOBER 1, 1904.

To the Honorable Board of Estimates of Baltimore City.

GENTLEMEN: The following will be the taxable basis of Baltimore city for the year 1905:

Real estate (full city rate)		$232,265,688
Real estate, suburban (60-cent rate)		33,773,939
Personal: Individuals, firms and foreign corporations	$41,628,924	
Less plant exemption	3,512,992	
		38,115,932
Maryland incorporated companies (estimated)	$35,563,390	
Less plant exemption	2,563,390	
		33,000,000
Distilled spirits in bond (estimated)		1,100,000
Securities (30-cent rate)		104,221,227
Deposits in savings banks (estimated) (18¾-cent rate)		69,000,000
		$511,476,786
The additional assessments on tracks, wires and conduits of corporations owning easements		$23,362,000

TABLE A

STATEMENT OF NEW ASSESSMENTS AND ABATEMENTS MADE FOR THE YEARS 1902, 1903 AND 1904, FROM JANUARY 1, 1904, TO DECEMBER 31, 1904.

	REAL.	PERSONAL.	SECURITIES.
1902			
To new assessments	$1,117,027	$ 275,553	$4,191,310
1902—Suburban			
To new assessments.....	431,931	.....	.....
1902			
By abatements....	374,093	1,687,140	430,032
1902—Suburban			
By abatements.....	10,383	.....	.....
1903			
To new assessments.....	1,348,794	1,001,232	6,452,929
1903—Suburban			
To new assessments.....	3,568,159	.....	.....
1903			
By abatements..	3,483,535	2,382,696	758,890
1903—Suburban			
By abatements.....	46,331	.....	.....
1904			
To new assessments.....	7,114,101	1,114,083	16,584,634
1904—Suburban			
To new assessments.	3,602,137	.....	.....
1904			
By abatements.....	7,281,300	3,492,390	4,332,569
1904—Suburban			
By abatements.....	167,670	....	.....

TABLE B.

PERMITS ISSUED FROM JANUARY 1 TO DECEMBER 31, 1904.

Wards.	New Buildings.	Additional Improvements.	Total.
First	32	19	51
Second	15	16	31
Third	6	22	28
Fourth	22	55	77
Fifth	5	13	18
Sixth	336	40	376
Seventh	27	15	42
Eighth	17	29	46
Ninth	459	69	528
Tenth	8	16	24
Eleventh	5	15	20
Twelfth	26	16	42
Thirteenth	8	14	22
Fourteenth	2	9	11
Fifteenth	10	11	21
Sixteenth	10	11	21
Seventeenth	32	27	59
Eighteenth	66	16	82
Nineteenth	91	20	111
Twentieth	8	5	13
Twenty-first	261	24	285
Twenty-second	115	23	138
Total	1,561	485	2,046

TABLE C.

NEW BUILDINGS, ADDITIONAL IMPROVEMENTS AND ASSESSED VALUATIONS JANUARY 1 TO DECEMBER 31, 1904.

Wards.	New Improvements.	Assessed Values.	Additional Improvements.	Assessed Values.
First	50	$ 69,250	12	$ 3,150
Second	10	47,000	11	9,950
Third	9	75,600	14	5,100
Fourth	27	74,400	32	11,200
Fifth	8	48,600	8	2,350
Sixth	350	371,550	35	9,750
Seventh	71	97,950	9	2,350
Eighth	16	188,200	24	30,650
Ninth	134	1,616,550	30	209,100
Tenth	6	199,100	8	5,600
Eleventh	8	512,700	10	71,800
Twelfth	14	111,000	17	25,684
Thirteenth	11	161,700	5	5,200
Fourteenth	3	5,500	5	900
Fifteenth	11	33,600	7	2,950
Sixteenth	9	48,800	14	43,500
Seventeenth	62	900,225	22	6,675
Eighteenth	65	97,650	9	3,050
Nineteenth	79	123,650	16	5,075
Twentieth	8	10,600	4	950
Twenty-first	1	7,000	1	300
Twenty-second	22	73,600	1	450
Total	974	$4,874,175	294	$455,734

Suburban Rate, 60 Cents.

Wards.	New Improvements.	Values.	Additional Improvements.	Values.
Twenty-first	177	$335,200	27	$54,850
Twenty-second	50	117,500	17	5,100
Total	227	$452,700	44	$59,950

TABLE D.

INCREASED ASSESSMENTS ON REAL ESTATE, NEW AND INCREASED ASSESSMENTS ON PERSONAL PROPERTY AND SECURITIES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1904.

Wards.	Number Real.	Amount Assessed.	Number Personal	Amount Assessed.	Amount Securities Assessed.
First			22	$ 530,240	$ 19,100
Second			31	492,950	
Third			18	103,330	500
Fourth	4	$ 49,874	29	60,950	
Fifth			22	179,850	
Sixth	767	143,154	28	65,057	
Seventh			32	17,450	
Eighth	1	5 500	68	163,025	547,654
Ninth	462	5,289,912	310	2,149,077	9,517,721
Tenth			41	415,820	1,630
Eleventh			32	78,350	51,960
Twelfth	12	984	67	57,155	502,484
Thirteenth			25	258,309	330,425
Fourteenth			17	38,550	28,488
Fifteenth			12	434,288	
Sixteenth			20	770,375	16,450,300
Seventeenth	289	60,735	20	229,975	
Eighteenth	111	20,294	14	55,465	16,705
Nineteenth	337	73,552	38	29,455	9,680
Twentieth			21	12,725	19,685
Twenty-first	128	31,181	33	69,615	581,626
Twenty-second	116	37,657	47	68,990	123,959
Total	2227	$5,712,843	947	$6,281,001	$28,201,917

TABLE E.

REAL ESTATE APPEALS FILED DURING THE YEAR ENDING DECEMBER 31, 1904.

Wards.	Number of Appeals.	Number Dismissed.	Number Granted.	Amount Abated.
First	26	16	10	$ 11,650
Second	7	6	1	100
Third	27	15	12	3,533
Fourth	25	17	8	12,800
Fifth	33	16	17	6,425
Sixth	47	35	12	1,837
Seventh	38	22	16	3,910
Eighth	34	12	22	15,161
Ninth	9	5	4	3,100
Tenth	35	18	17	2,750
Eleventh	24	14	10	2,800
Twelfth	43	23	20	15,471
Thirteenth	28	11	17	9,100
Fourteenth	20	10	10	3,733
Fifteenth	10	8	2	400
Sixteenth	12	6	6	1,750
Seventeenth	9	5	4	1,774
Eighteenth	16	8	8	5,300
Nineteenth	32	18	14	4,900
Twentieth	32	22	10	7,941
Twenty-first	20	10	10	3,100
Twenty-second	28	22	6	22,239
Total	555	319	236	$139,774

TABLE F.

The assessed value of manufacturing plants exempted from city taxes for 1904 amounted to the following:

PLANTS.

Firms, individuals and foreign corporations	$3,829,709
Incorporated companies (Maryland charters)	2,374,075
Total	$6,203,784

TABLE G.

APPROPRIATIONS AND DISBURSEMENTS.

SALARY ACCOUNT.

Appropriation	$23,850 00
Salaries paid	23,800 00
Balance	$50 00

EXPENSE ACCOUNT.

Appropriation	$1,675 00
Expenditures	1,675 00

SPECIAL APPROPRIATION APPROVED AUGUST 14, 1904.

Appropriation	$8,000 00
Expenditures	4,367 72
Balance	$3,632 38

TABLE H.

STATEMENT OF NOTICES, ASSESSMENTS, TRANSFERS, ABATEMENTS AND INVESTIGATIONS FROM JANUARY 1 TO DECEMBER 31, 1904.

Abatements and assessments entered under orders of Court		26,581
Notices in the matter of hearings by the Court:		
On real estate assessments (other than new improvements)	1,198	
On new improvements	760	
On personal property	1,206	
		3,164
Investigations made by assessors and passed upon by the Court:		
On applications for abatement or reduction of assessments of real estate (Table E)	555	
On plant exemption applications	413	
On applications for abatement or reduction of assessments of personal property	2,524	
		3,492
Number of transfers of real estate		7,165.

TWENTY-FIRST ANNUAL REPORT

OF THE

Board of Fire Commissioners

AND

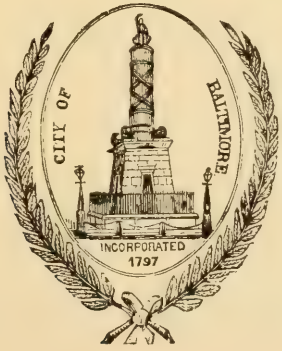
FORTY-SIXTH ANNUAL REPORT OF THE FIRE DEPARTMENT

TO THE

Mayor and City Council of Baltimore

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1904.



BALTIMORE, MD.
WM. J. C. DULANY COMPANY,
CITY PRINTERS.

1905.

OFFICERS OF THE DEPARTMENT.

Fire Commissioners:

GEORGE W. GAIL, JR., PRESIDENT.
EDWARD M. PARRISH, A. ROSZEL CATHCART.

Secretary and Clerk:

PINKNEY W. WILKINSON.

Assistant Clerk:

WALTER E. HILL.

Chief Engineer:

GEORGE W. HORTON.

District Engineers:

First District,	JAMES A. CAMPBELL.
Second District,	AUGUST EMRICH.
Third District,	FREDERICK BRANAN.
Fourth District,	FIELDING H. LUCAS.
Fifth District,	LEVIN H. BURKHARDT.
Sixth District,	E. LOUIS SHIPLEY.

Superintendent of Machinery:

THOMAS H. MEUSHAW.

Superintendent of Fire Alarm Telegraph:

JAMES B. YEAKLE.

REPORT.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS,

BALTIMORE, January 1, 1905.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN: The Board of Fire Commissioners have the honor to respectfully submit herewith the Annual Report of the Fire Department of the City of Baltimore, being the Twenty-first Annual Report of the Board of Fire Commissioners and the Forty-sixth Annual Report of the Fire Department.

The record of fires shows 1,482 alarms of all kinds.

The losses for the year, so far as can be ascertained, amounted to $70,477,625.31, of which amount $70,000,000 is an approximate estimate of the losses caused by the conflagration of February 7 and 8, 1904.

The expenditure for the year is as follows:

Salaries, $407,503.50; expenses, $114,410; Emergency Fire Fund, caused by the replacing of apparatus, hose, etc., lost or destroyed by the conflagration, $67,147.07.

The Department as it stands to-day is the embodiment of all that modern science, skill and mechanical ingenuity has been able to devise; manned by men, intelligent, courageous and devoted to the service.

In the reports of previous years the attention of your Honorable Body was called to the imperative necessity of the Department being supplied with additional apparatus, the wisdom of which has been fully demonstrated.

The several recommendations of the Chief Engineer, calling for action upon the part of your Honorable Body, have the hearty approbation of this Board and should receive im-

mediate consideration at your hands, as they pertain to the proper protection of the lives and property of the residents of the city.

During the past year needed improvements and valuable additions have been made to the apparatus of the Department, it being the aim of the Board to have the Department equipped with the latest and most improved fire-fighting appliances.

The report of the Superintendent of Fire Alarm Telegraph, submitted herewith, sets forth at length the work of that Department during the year, which shows that the efficiency of this most important branch of the service has been greatly increased.

The work performed during the year by the Department is set forth in extenso in the reports of the Chief Engineer, Superintendent of Fire Alarm Telegraph, Surgeon and Veterinary Surgeon, which are herewith submitted.

The expenditures for the past year are set forth in detail in the tables submitted with this report.

The Board desires to renew their recommendations in regard to the increase in salaries of the officers and members of the Department, in accordance with those paid in other cities of similar size.

To the Chief Engineer, Superintendent of Fire Alarm Telegraph, Secretary, the clerical force and officers and members of the Department generally, the Board is indebted for the efficient service rendered at any and all times.

Respectfully,

GEORGE W. GAIL, JR.,
President.
EDWARD M. PARRISH,
A. ROSZEL CATHCART.

ESTIMATE FOR 1905.

Salaries		$409,660 00
Apparatus	$ 6,500 00	
Apparatus repairs	12,000 00	
Accident	3,500 00	
Feed	23,000 00	
Fuel	6,000 00	
Furniture	1,500 00	
Harness	1,250 00	
Horseshoeing	5,500 00	
Hose	4,000 00	
Horses	4,000 00	
Wharf rent	600 00	
Electricity and gas	2,000 00	
Insurance	4,630 00	
Washing	3,360 00	
Sick	4,600 00	
Pensioners	11,000 00	
Fire-alarm telegraph department	6,000 00	
Cable for subways	3,000 00	
Fire-alarm boxes	660 00	
Office expenses	1,000 00	
Miscellaneous	6,500 00	
Storeroom	6,000 00	
		116,600 00
		$526,260 00

APPROPRIATIONS.

Amount appropriated by the Mayor and City Council out of the general levy, 1904:

Department salaries and expenses	$522,170 00	
Amount appropriated, account of the Emergency Fire Fund	67,147 07	
		$589,317 07

Amount drawn from the City Comptroller, as follows:

Department salaries and expenses	$521,913 50	
Emergency Fire Fund	67,147 07	
		589,060 57
		$ 256 50

GENERAL STATEMENT.

Amount drawn from the City Comptroller, account general appropriation	$521,913 50	
Emergency Fire Fund	67,147 07	
Amount received from sale of old material	2,855 53	
		$591,916 10

Expenditures, account of Department	$521,913 50	
Expenditures, Emergency Fire Fund	67,147 07	
Amount paid City Comptroller	2,855 53	
		$591,916 10

FIRE DEPARTMENT.

Original appropriation, salaries ..... $ 407,760 00

EXPENDITURES.

Commissioner, George W. Gail, Jr	$ 1,000 00
" Edward M. Parrish	1,000 00
" A. Roszel Cathcart	1,000 00
Secretary and Clerk, Pinkney W. Wilkinson	1,500 00
Assistant Clerk, Walter E. Hill	900 00
Chief Engineer, George W. Horton	2,500 00
District Engineer, James A. Campbell	1,400 00
" August Emerich	1,400 00
" Frederick Branan	1,400 00
" Fielding H. Lucas	1,400 00
" Levin H. Burkhardt	1,400 00
" E. Louis Shipley	1,400 00
Supt. of Machinery, Thomas H. Meushaw	1,400 00
Supt. Fire Alarm Telegraph, James B. Yeakle	1,800 00
No. 1 Engine Company	10,299 19
2 "	10,590 91
3 "	10,296 41
4 "	11,100 06
5 "	9,792 71
6 "	10,598 58
7 "	10,298 48
8 "	9,794 04
9 "	10,296 84
10 "	10,296 46
11 "	10,299 06
12 "	9,782 62

No. 13 Engine Company	10,292 30		
14 "	9,798 88		
15 "	20,587 75		
16 "	11,499 14		
17 "	10,579 23		
18 "	10,593 82		
19 "	10,596 68		
20 "	10,597 90		
21 "	10,575 31		
22 "	10,591 18		
23 "	10,591 33		
24 "	10,596 55		
25 "	10,595 52		
No. 1 Hook and Ladder Company	10,096 50		
2 " "	10,095 24		
3 " "	10,401 13		
4 " "	10,895 38		
5 " "	10,399 15		
6 " "	10,394 60		
7 " "	4,599 77		
8 " "	4,598 47		
9 " "	4,101 25		
10 " "	10,388 42		
11 " "	10,891 32		
12 " "	2,452 62		
No. 1 Chemical Engine Company	2,499 54		
2 " "	1,250 08		
3 " "	1,250 19		
Fire Alarm Telegraph Department	12,748 89	$407,503 50	
Balance		$ 256 50	

FIRE DEPARTMENT.

Original Appropriations—Expenses $114,410 00

EXPENDITURES.

Apparatus	$ 6,127 79	
Apparatus repairs	6,435 14	
Accidents	2,619 40	
Feed	19,301 73	
Fuel	9,498 10	
Furniture	1,656 66	
Harness	1,205 45	
Horseshoeing	5,920 73	
Hose	3,975 00	
Horses	4,287 50	
Wharf rent	600 00	
Gas and electricity	1,974 20	
Office expenses	611 37	
Life insurance	4,360 50	
Miscellaneous	12,617 89	
Washing	3,424 75	
Pensioners	11,536 09	
Sick	5,836 32	
Fire-alarm telegraph	6,410 04	
Storeroom	4,031 34	
Fire-alarm boxes	1,980 00	
		114,410 00

EMERGENCY FIRE FUND.

Appropriation ..... $ 67,147 07

EXPENDITURES.

Apparatus	$ 17,393 07	
Apparatus repairs	791 72	
Fuel	1,098 21	
Feed	156 45	
Harness	41 15	
Hose	42,297 08	
Office expenses	106 21	
Miscellaneous	2,407 77	
Fire-alarm telegraph	2,855 41	
		$ 67,147 07

COMPANY EXPENDITURES.

No. 1	Engine Company	$ 12,065 03	
" 2	"	12,741 26	
" 3	"	12,868 13	
" 4	"	13,001 77	
" 5	"	12,034 93	
" 6	"	12,038 79	
" 7	"	11,894 92	
" 8	"	11,837 81	
" 9	"	12,886 06	
" 10	"	11,831 84	
" 11	"	12,035 91	
" 12	"	11,646 83	
" 13	"	12,276 73	
" 14	"	11,309 92	
" 15	"	25,495 32	
" 16	"	14,427 58	
" 17	"	11,850 64	
" 18	"	12,389 41	
" 19	"	11,770 10	
" 20	"	12,357 13	
" 21	"	12,222 09	
" 22	"	12,177 88	
" 23	"	12,506 30	
" 24	"	13,486 72	
" 25	"	14,010 65	
No. 1	Hook and Ladder Company	11,606 72	
" 2	" "	11,341 10	
" 3	" "	11,463 20	
" 4	" "	12,496 10	
" 5	" "	11,309 31	
" 6	" "	11,645 71	
" 7	" "	5,492 78	
" 8	" "	5,258 26	
" 9	" "	4,656 21	
" 10	" "	12,277 38	
" 11	" "	12,131 81	
" 12	" "	5,782 35	
No. 1	Chemical Engine Company	2,926 34	
" 2	" "	,437 75	
" 3	" "	1,408 33	
Commissioners		3,025 50	
Officers		16,376 23	
Fire-Alarm Telegraph Department		29,116 47	
Miscellaneous		6,097 ,0	
Office expenses		773 12	
Pensioners		11,536 09	
Storeroom		5,448 29	
Reserve apparatus		5,143 00	
Emergency Fire Fund		67,147 07	
			$589,060 57

FINANCIAL STATEMENT OF THE BALTIMORE CITY FIRE DEPARTMENT FOR TWELVE MONTHS ENDING DECEMBER 31, 1904.

Dr.		Cr.	
January, drawn from City Comptroller.....	$ 50,196 01	January, drawn from City Comptroller.....	$ 50,196 01
February, " " "	46,082 71	February, " " "	46,082 71
March, " " "	88,469 95	March, " " "	88,469 95
April, " " "	42,069 82	April, " " "	42,069 82
May, " " "	62,368 41	May, " " "	62,368 41
June, " " "	41,594 50	June, " " "	41,594 50
July, " " "	41,758 34	July, " " "	41,758 34
August, " " "	44,960 02	August, " " "	44,960 02
September, " " "	42,498 83	September, " " "	42,498 83
October, " " "	39,620 68	October, " " "	39,620 68
November, " " "	48,059 10	November, " " "	48,059 10
December, " " "	41,382 20	December, " " "	41,382 20
	$589,060 57		$589,060 57

RECAPITULATION.

Account.	Appropriation.	Expenditures.	
Department	$407,760 00	$407,503 50	$256 50
Emergency Fire Fund	67,147 07	67,147 07	.....
Balance undrawn			$256 50

REVENUE.

Sale of old material	$2,855 53

REPORT

OF THE

CHIEF ENGINEER

1904

REPORT.

OFFICE OF THE CHIEF ENGINEER.

BALTIMORE, January 1, 1905.

To the Honorable the Board of Fire Commissioners:

GENTLEMEN: I have the honor to submit herewith the Annual Report of the Chief Engineer, it being the forty-sixth Annual Report of the paid Department.

FIRES.

The number of alarms and fires attended were as follows: Box alarms, 878; silent or verbal alarms, 466; also special alarms, which were for fires extinguished by other than members of the Department, but inspected in order to see that they had been entirely extinguished, 138; making a total of 1,482 alarms and fires to which the attention of the Department had been called.

As compared with 1903, there was a decrease of 40 alarms.

The fires for the year was classified as follows: In brick, stone or iron buildings, 2,689; in wooden buildings, 162; fires in other than buildings, 109; false alarms, 47; making a total of 3,007.

LOSSES OF 1904.

January	$ 138,864 46
February	7,865 79
" (Conflagration estimated)	70,000,000 00
March	13,530 49
April	56,127 66
May	19,763 45
June	34,847 12
July	6,412 73
August	94,108 28
September	16,706 12
October	19,462 46
November	55,642 89
December	14,293 86
Total	$70,477,625 31

CONFLAGRATION.

On Sunday, February 7, 1904, Baltimore was visited by one of the most disastrous conflagrations (in money loss) this country has every known. The fire originated in a six-story brick building occupied by J. E. Hurst & Co., as a wholesale dry goods and notion house, located at German street, Liberty street and Hopkins place.

The thermostat alarm was received at 10.48 A.M., and was responded to by one engine company, one hook and ladder company, one district engineer and one salvage corps company.

On entering the building from German street, the fire was discovered in the basement and appeared to be among packing cases. A flame was seen drawing across the ceiling toward the elevator shaft on the south side of the building; very little smoke was seen on the first floor or basement. As the men descended the stairs with a 2½-inch line of hose and a line of ¾-inch chemical hose, the daylight seemed to fade away, caused by the downpour of smoke through the elevator shaft, and instantly there was an explosion, the impact of which was upward and outward. The time between the receipt of the alarm and the explosion was about five minutes; the roof was lifted and every window light above the first floor was broken, and the flames shot out with a loud whistling noise. The concussion broke the windows in the surrounding buildings and heavy brands of fire were carried from the Hurst building into the adjoining property, and at once seven buildings were burning fiercely. The wind at this time was blowing twelve miles per hour from the southwest; the streets at this point are 35 and 40 feet wide.

Brands of fire at once began to be blown several squares away, setting fire to rubbish in yards and awnings, the flames of which immediately entered broken windows, made so by the intense heat and the explosion of a box containing powder nearly opposite the Hurst building. It being Sunday and a commercial district, there was no one to look after the numerous incipient fires.

The fire followed the direction of the wind, which remained from the southwest until eleven o'clock at night, when it changed to almost due west, and at noon on Monday changed to northwest. So great was the wind and the vacuum caused by the heat, that deluge streams were torn to fragments and could not reach the second stories.

The conflagration raged until 11.30 A.M., Monday, February 8th. During that time it had traveled over about 140 acres of ground and destroyed 86 blocks, containing

36	one-story brick buildings.
1	one and one-half-story brick building.
130	two-story brick buildings.
2	two and one-half-story brick buildings.
408	three-story brick buildings.
40	three and one-half-story brick buildings.
595	four-story brick buildings.
29	four and one-half-story brick buildings.
170	five-story brick buildings.
3	five and one-half-story brick buildings.
33	six-story brick buildings.
14	seven-story brick buildings.
1	eight-story brick building.
2	ten-story brick buildings.
2	eleven-story brick buildings.
1	twelve-story building.
1	sixteen-story building.
Total.....	1,468

47	one-story frame buildings.
1	one and one-half story frame building.
9	two-story frame buildings.
1	six-story frame building.
Total.....	58.

Grand total, 1,526 buildings; 4 lumber yards.

The approximated insurance paid was $29,221,851.51.

We realized, in thirty minutes after the first alarm, that the fire was beyond the control of Baltimore's Fire Department, and our sister cities were called on for assistance, which was promptly and cheerfully responded to, and a gallant fight was made by all.

There were engaged at the fire 460 firemen, 24 steam engines, 8 hook and ladder trucks, 1 fire boat, 1 police boat, all belonging to Baltimore.

There were also 771 firemen, 33 steam engines, 2 hose companies and 1 hook and ladder truck from other cities and towns.

There were about 70,000,000 gallons of water used.

The Department lost 1 steam engine, 1 hook and ladder truck and 29,900 feet of hose.

During the twenty-four hours of the fire 52 box alarms were received and sent out for fires caused by sparks in other parts of the city, and at no time was there the slightest failure of the Fire Alarm Telegraph, water supply or fire machinery, and, although great risks were taken by the firemen, no lives were lost, nor was there a bone broken.

I was injured by electric shocks in the start of the fire and was moved to my night quarters at No. 23 Engine Company, at 2 o'clock P.M., the 7th instant. District Engineer August Emrich at once assumed command of the Department, and remained in command until relieved by District Engineer L. H. Burkhardt on account of injuries to his eyes, and after receiving medical attention, returned and relieved Chief Burkhardt, and remained in command until relieved by me at 1.30 P.M., the 8th instant.

The origin of the great fire has not been clearly shown, but I assert, had there been a watchman employed in the Hurst building, the record of the fire to-day would read: "A slight fire in the basement of J. E. Hurst's building among packing cases, extinguished by the watchman."

The conflagration has taught numerous lessons as to the proper construction of buildings. The rapid spread of the fire at the early stage was principally on account of wood exposures and windows giving away, caused by heat and concussion.

APPARATUS.

The apparatus of the Department is in the best possible condition, representing modern fire-fighting machinery. A

close surveillance of the equipment is maintained at all times, and necessary repairs or suggested improvements, looking to increased efficiency, are made as expeditiously as possible. In point of efficiency, general condition or appearance, the apparatus will compare favorably with any other Department in the conntry.

No. 24 Engine Company was placed in active service at their respective quarters, Patterson Park avenue near Orleans street, July 28, 1904.

No. 25 Engine Company was placed in active service at their respective quarters, McCulloh and Gold streets, January 11, 1904

One first-size La France fire engine placed in service at No. 15 Engine Company, and one first-size Hayes Aerial Truck placed in service at No. 2 Hook and Ladder Company, replacing those lost during conflagration of February 7 and 8, 1904.

A number of hose wagons have been equipped with rubber tires, which adds greatly to their efficiency in responding to alarms of fire.

HORSES.

At present there are a total of 203 horses in the service of the Department. Of this number 155 are assigned to the several companies; 22 are assigned for the use of officers and the fire-alarm telegraph department, 16 being held in reserve. Twelve horses have been purchased during the year, 19 being condemned and disposed of as unfit for service; 4 died from sickness and injuries. One hundred and seventy-nine cases of sickness and injuries, covering a period of 2,342 days' treatment, were attended at Department hospital.

FIRE HYDRANTS.

During the year a number of double hydrants have been erected, making the total number of hydrants available for service 2,335.

The number of hydrants is totally inadequate, and I would respectfully suggest that the Water Department be requested to proceed with the erection of hydrants at points which have been designated by this Department.

LAWRENCE PISTEL,

CAPTAIN.

No. 4 Engine Company.

Died April 28th, 1904.

Had been an active member of the Department for thirty-one years.

JAMES J. KNOX,

PIPEMAN.

No. 17 Engine Company.

Died August 11th, 1904.

Had been an active member of the Department for nearly ten years.

GUSTAVE A. STOLINSKI,

LADDERMAN.

No. 9 Hook and Ladder Company.

Died July 13th, 1904.

Had been an active member of the Department for nearly five years.

JOHN M. GILLELAND,

LADDERMAN.

No. 12 Hook and Ladder Company.

Died December 31st, 1904.

Had been an active member of the Department for nearly ten years.

RECOMMENDATIONS.

The purchase of an additional fire-boat of greater capacity than the one in service, to be equipped with a full complement of officers and men, and organized as an engine company of the Department, to be located in the vicinity of the foot of Covington street.

The quarters of the present fire-boat (No. 16 Engine Company) rebuilt.

Engines Companies located in the following vicinities:

Guilford avenue and Preston street.
Reisterstown road and Kate avenue.
Frederick road and Garrison avenue.
Caroline street and Eastern avenue.
Gay and Second streets.
Charles and Barnet streets.
York road, Waverly.
North and Fulton avenues.
Cheapside and Lombard street.
Harford avenue and Oliver street.
Light and Montgomery streets.
Orleans street and Central avenue.
Cathedral and Preston streets.
Hanover and Cross streets.

Hook and Ladder Companies located in the following vicinities:

Pratt and Carey streets.
Patterson Park avenue and Biddle street.
Calvert and Read streets.
Fayette street and Central avenue.
Baltimore street and Fremont avenue.
York road, Waverly.
Patuxent and O'Donnell streets.

The purchase of ground and the erection of a building in the vicinity of Paca and Lexington streets, thereby relieving the very congested condition existing at their present quarters.

The purchase of an additional water tower.

The purchase of three District Engineer's wagons.

The installation of 200 fire-alarm boxes.

The installation of a pipe line system to cover an area bounded by Jones' Falls, Saratoga street, Eutaw street, Barre street to the water front, with Pumping Station to operate same.

The position of assistant hostlers be created, with salary at $900 per annum.

The adoption of the recommendations set forth necessarily carries with it the expenditure of large sums of money, yet, I am of the opinion that expenditure is a judicious and economical one.

Our experience for the past year has made most manifest that the recommendations stated above be carried out at the earliest possible moment.

The harmoney that exists among the officers and members of the uniformed force, and the work performed by them at fires during the past year, is deserving of the highest commendation and praise.

Herewith submitted, as part of this report, are statistical tables, relative to the work performed by the several companies; also report of Department Surgeon covering medical treatment.

In conclusion, I desire to extend to your Honorable Body my sincere appreciation of your cordial support.

I desire to thank the office force for the prompt manner in which the clerical work of the Department is performed.

The officers and members of the Fire Insurance Salvage Corps have my thanks for the assistance rendered on the fire-ground.

I desire also to extend my thanks for the co-operation of the members of the Police Department, and the able manner in which they have assisted this Department in the discharge of its duties.

Respectfully submitted,

GEORGE W. HORTON,
Chief Engineer.

DESCRIPTION OF ENGINES.

Engines.	Built by	When Built.	Rebuilt by	When Rebuilt.	Size.	Cylinders. Diam.	Cylinders. Stroke.	Pumps. Diam.	Pumps. Stroke.	Boilers. Diam.	Boilers. Height.	Gallons per Minute.	Weight as Drawn to Fires.	Style of Engine.
No. 1	La France Co	1898			x 1st	8½	9	5¼	9	36	66	1,000	10,400	Vertical, crane-neck, piston double.
" 2	La France Co	1899			x 1st	8½	9	5¼	9	36	66	1,000	10,400	" " " "
" 3	Ives & Bro	1874	La France Co.	1892	x 1st	8½	10	5	10	38	64	1,000	10,760	" " " "
" 4	La France Co	1892	La France Co.	1904	1st	8¼	9	5	9	36	60	900	9 600	" " " "
" 5	La France Co	1890			2d	8¼	8	4¾	8	32	60	700	8,500	" " " "
" 6	La France Co	1901			1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
" 7	La France Co	1903			1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
" 8	La France Co	1888	La France Co.	1904	3d	8⅛	.6	4¾	6	30	60	600	7,100	" " " "
" 9	La France Co	1903			1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
" 10	La France Co	1901			1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
" 11	La France Co	1889			2d	8¾	8	4¾	8	34	60	750	8,400	" " " "
" 12	La France Co	1894			2d	8¼	8	4¾	8	33	62	750	8,660	" " " "
" 13	La France Co	1893			2d	8¼	8	4¾	8	33	62	750	8,200	" " " "
" 14	Clapp & Jones	1888	La France Co.	1904	3d	7	7	4⅜	7	32	60	600	6,990	" " " "
" 15	La France Co	1904			1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
*" 16	Hull—Brusstar Bros. Pump—Thos. Manning Engine—E. J. Codd Co.	1891	J. E. Wood-all & Co.	1897		16	10	9	10			4,400		Double vertical pumps.
" 17	La France Co	1895			2d	8¼	8	4¾	8	33	62	750	8,700	Vertical, crane-neck, piston double.
" 18	La France Co	1893			3d	7⅜	8	4¼	8	32	60	600	7,000	" " " "
" 19	La France Co	1895			3d	7⅜	8	4¼	8	32	60	600	7,100	" " " "
" 20	La France Co	1897			3d	7½	8	4¼	8	30	60	650	8,950	" " " "

*Fireboat.

No. 21	Clapp & Jones	1885	.....	.....	3d	6¼	7	3¾	7	32	60	500	6,700	Horizontal, half-crane neck, piston double.
" 22	La France Co	1891	.....	.....	3d	7⅜	8	4¼	8	30	60	600	7,120	Vertical, crane-neck, piston double.
" 23	La France Co	1903	.....	.....	1st	8¾	9	5¼	9	36	66	1,000	10,400	" " " "
" 24	La France Co	1886	La France Co.	1898	3d	7¾	8	4⅜	8	30	65	650	7,500	" " " "
" 25	La France Co	1898	.....	.....	2d	8	9	4⅝	9	33	62	700	8,000	" " " "
†A	Ives Bros	1872	La France Co.	1885	3d	10	12	5¼	12	34	62	500	7,800	Single horizontal, straight frame.
†C	Clapp & Jones	1886	La France Co.	1897	2d	7½	7	4¾	7	32	60	700	7,180	Vertical, crane-neck, piston double.
†D	La France Co	1889	.....	.....	1st	8¾	8	5	8	33	60	900	9,600	" " " "
†E	Silsby Manf'g Co	1887	.....	.....	3d	Rotary.		Pump.		34	60	600	6,700	Rotary, crane neck, piston double.
†F	Ives Bros	1875	La France Co	1883	1st	8	10	4¾	10	38	62	900	9,400	Double vertical, crane-neck, piston.

† Reserve.

HOOK AND LADDER TRUCKS IN SERVICE.

COMPANY.	DESCRIPTION.
No. 1 Hook and Ladder Company.	1 first-size Hayes aerial truck.
" 2 " " "	1 " " " "
" 3 " " "	1 second-size Hayes aerial truck.
" 4 " " "	1 first-size Hayes aerial truck.
" 5 " " "	1 " " " "
" 6 " " "	1 " " " "
" 7 " " "	1 combination Holloway truck.
" 8 " " "	1 " " "
" 9 " " "	1 " " "
" 10 " " "	1 second-size Hayes aerial truck.
" 11 " " "	1 " " "
" 12 " " "	1 combination Holloway truck.

HOOK AND LADDER TRUCKS IN RESERVE.

3 first-size Hayes aerial trucks.
1 second-size Hayes aerial truck.
2 bank ladder trucks.

CHEMICAL ENGINES IN SERVICE.

COMPANY.	DESCRIPTION.
No. 1 Chemical Company.....	1 double-tank 50-gallon Holloway Chemical Engine.

CHEMICAL ENGINES IN RESERVE.

1 double 85-gallon Holloway Chemical Engine.

HOSE.

COMPANIES.	Fabric Hose Received.	Fabric Hose Des	Fabric Hose in Service.	Fabric Hose Condemned.	Chemical Hose Received.	Chemical Hose Destroyed.	Chemical Hose in Service.	Chemical Hose Condemned.
	Ft.	Ft	Ft.	Ft	Ft.	Ft.	Ft.	Ft.
No. 1 Engine Company	3000	1800	4400	250	.....	.....	250	.....
" 2 " "	1500	1550	3100	200	50	.... .	250	50
" 3 " "	3250	2200	4650	100	300	250	525	100
" 4 " "	4150	600	2650	1500	.....	.....	250	.....
" 5 " "	2000	1250	3650	100	.....	.....	240	.....
" 6 " "	2000	1550	3850	1300	100	.....	500	100
" 7 " "	2500	.....	4850	500	.....	.....	200	.....
" 8 " "	1500	750	3700	350	.....	.....	250	.....
" 9 " "	2000	900	3800	300	100	.....	250	100
" 10 " "	2000	1300	3250	250	50	.....	250	50
" 11 " "	1000	300	3700	.....	50	.....	250	50
" 12 " "	1500	400	4250	350	.....	.....	300	.....
" 13 " "	1500	.....	4200	350	.....	.....	250	.....
" 14 " "	1550	200	4306	150	50	.....	250	50
" 15 " "	5500	2350	6250	450	200	200	500	.....
" 16 " "	1000	400	1800	50	50	.....	150	14
" 17 " "	1500	800	3400	200	250	250	250	.....
" 18 " "	2000	100	3650	700	.....	.....	250	.....
" 19 " "	1500	800	4400	.....	200	150	250	50
" 20 " "	2000	1050	4000	450	.....	.....	350	.....
" 21 " "	1850	450	4600	.....	.....	.....	250	.....
" 22 " "	2600	1450	3950	....	.....	.....	250	.....
" 23 " "	4000	1350	5600	.....	50	.....	250	.....
" 24 " "	2000	.....	2000	.....	250	.....	250	.....
" 25 " "	4000	100	3900	.....	.....	.....	250	.....
" 5 Hook and Ladder Company	.....	.....	.....	.....	.....	.....	250	.....
" 7 " " "	.....	.....	1600	....	.....	.....	250	.....
" 8 " " "	.....	.....	700	.....	.....	.....	300	.....
" 9 " " "	.....	.....	.....	.....	.....	.....	250	.....
" 12 " " "	1500	.....	1500	.....	250	.....	250	.....
" 1 Chemical " "	.....	.....	.....	.....	.....	10	240	10

MANUAL FORCE OF THE DEPARTMENT.

OFFICERS.

Chief Engineer	1	
District Engineers	6	
Superintendent of Machinery	1	
		8

ENGINE COMPANIES.

No. 1 Engine Company	11	
" 2 "	12	
" 3 "	11	
" 4 "	12	
" 5 "	11	
" 6 "	12	
" 7 "	11	
" 8 "	11	
" 9 "	11	
" 10 "	11	
" 11 "	11	
" 12 "	11	
" 13 "	11	
" 14 "	11	
" 15 "	21	
" 16 "	12	
" 17 "	12	
" 18 "	12	
" 19 "	12	
" 20 "	12	
" 21 "	12	
" 22 "	12	
" 23 "	12	
" 24 "	12	
" 25 "	12	
		298

HOOK AND LADDER COMPANIES.

No. 1 Hook and Ladder Company	11	
" 2 " "	11	
" 3 " "	12	
" 4 " "	12	
" 5 " "	12	
" 6 " "	12	
" 7 " "	5	
" 8 " "	5	
" 9 " "	5	
" 10 " "	12	
" 11 " "	12	
" 12 " "	6	
		115

CHEMICAL ENGINE COMPANIES.

No. 1 Chemical Engine Company	3	
		3
Probationary firemen		20
Total active membership of the Department		444
Disabled members pensioned		28
Total membership		472

SALARIES OF OFFICERS AND MEMBERS.

		Per Annum.
1	Chief Engineer	$2,500 00
6	District Engineers, each	1,400 00
1	Superintendent of Machinery	1,400 00
33	Captains of engine and hook and ladder companies, each	1,100 00
34	Lieutenants of engine and hook and ladder companies, each	1,000 00
25	Enginemen	1,100 00
27	Assistant enginemen, each	900 00
16	Tillermen of hook and ladder companies, each	900 00
32	Hostlers of engine and hook and ladder companies, each	900 00
4	Captains of combination hook and ladder companies, each	900 00
1	Captain of chemical engine company	900 00
4	Hostlers of combination hook and ladder companies, each	800 00
1	Hostler of chemical engine company	800 00
167	Pipemen, each	800 00
67	Laddermen, each	800 00
2	Pilots on fireboat, each	1,000 00
3	Stokers on fireboat, each	800 00
20	Probationary firemen, each	600 00
444	Officers and members.	

PENSION ROLL.

Name.	Position at Time of Retirement.	Amount of Annual Pension.
W. M. Dunn	District Engineer	$400 00
J. H. Hayward	Captain	400 00
W. G. Miller	Captain	400 00
John A. McKew	Lieutenant	500 00
T. H. Humphreys	Engineman	400 00
Michael Lycett	Engineman	550 00
J. W. Blake	Tillerman	400 00
John J. Purcell	Tillerman	450 00
John Wernsing	Hostler	400 00
J. F. Peerce	Hostler	450 00
Henry Murphy	Hostler	450 00
J. R. Battee	Callman	400 00
William Gordon	Callman	400 00
J. H. Gildea	Callman	400 00
L. Pistel	Callman	400 00
G H. Little	Pipeman	400 00
Solomon Uhlfelder	Pipeman	400 00
J. J. McGraw	Pipeman	400 00
Charles A. Soistman	Pipeman	400 00
G. B. Chapman	Pipeman	400 00
Philip Bowen	Pipeman	400 00
John J. Flynn	Pipeman	400 00
Charles H. Baker	Pipeman	400 00
Albert Oelman	Pipeman	400 00
H. E. Curry	Ladderman	400 00
J. T. Elliott	Ladderman	400 00
R. M. Brown	Ladderman	400 00
William White	Ladderman	400 00

NUMBER OF BOXES TO WHICH COMPANIES ARE ASSIGNED TO RESPOND.

Companies.	First Alarm.	Second Alarm.	Third Alarm.	Total.
No. 1 Engine Company	88	126	96	310
" 2 "	86	75	57	218
" 3 "	67	79	101	247
" 4 "	83	132	77	292
" 5 "	59	56	44	159
" 6 "	69	134	92	295
" 7 "	68	125	90	283
" 8 "	54	69	90	213
" 9 "	78	73	61	212
" 10 "	63	80	62	205
" 11 "	40	31	24	95
" 12 "	42	16	35	93
" 13 "	59	56	79	194
" 14 "	59	26	12	97
" 15 "	115	114	88	317
" 16 "	50	5	.....	55
" 17 "	17	10	11	38
" 18 "	75	26	57	158
" 19 "	58	40	26	124
" 20 "	23	19	15	57
" 21 "	12	9	5	26
" 22 "	19	7	3	29
" 23 "	66	106	119	291
" 24 "	34	47	29	110
" 25 "	57	48	39	144
No. 1 Hook and Ladder Company	74	109	18	201
" 2 " "	137	112	75	324
" 3 " "	89	31	14	134
" 4 " "	69	96	90	255
" 5 " "	67	83	36	186
" 6 " "	62	41	8	111
" 7 " "	27	8	1	36
" 8 " "	16	2	.....	18
" 9 " "	12	2	.....	14
" 10 " "	65	38	22	125
" 11 " "	39	59	21	119
" 12 " "	14	.....	.....	14
No. 1 Chemical Engine Company	24	5	.....	29

SERVICE OF COMPANIES AT FIRES.

Companies.	Responded.	Transferred.	Feet of Hose Laid.	Tanks Used.	Extinguishers Used.	Working Time of Steamers.		Time Away from Quarters.		Working Time of Tower.	
						Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
No. 1 Engine Company	168	.....	23,400	57	5	131	40	245	35	.....	.....
" 2 " "	197	3	24,650	68	5	125	15	191	10	.....	.....
" 3 " "	160	.....	19,150	54	.....	82	55	149	25	.....	.....
" 4 " "	116	.....	19,250	47	.....	54	.....	150	47	.....	.....
" 5 " "	184	14	30,350	66	.....	93	10	197	25	.....	.....
" 6 " "	137	5	14,750	65	5	88	25	154	35	.....	.....
" 7 " "	133	.....	20,050	33	.....	82	.....	157	30	.....	.....
" 8 " "	99	2	15,250	31	.....	91	30	142	30	.....	.....
" 9 " "	172	4	23,900	46	2	82	15	282	30	.....	.....
" 10 " "	155	3	23,650	35	1	82	30	176	.....	.....	.....
" 11 " "	132	16	13,250	27	2	66	47	128	26	.....	.....
" 12 " "	109	15	17,950	27	4	66	.....	174	15	.....	.....
" 13 " "	109	4	10,450	43	.....	77	10	159	30	.....	.....
" 14 " "	85	.....	6,050	20	4	45	55	100	12	.....	.....
" 15 " "	177	.....	34,150	67	.....	126	30	218	15	30	15
" 15 " " 2d Section...	7	.....	5,450	.....	.....	53	15	66	30	.....	.....
" 16 " "	65	.....	1,900	.....	.....	40	30	68	30	.....	.....
" 17 " "	22	21	4,100	16	1	61	30	171	30	.....	.....
" 18 " "	115	14	27,750	21	.....	54	50	203	20	.....	.....
" 19 " "	92	2	15,650	30	.....	75	55	118	25	.....	.....
" 20 " "	27	4	7,550	9	.....	49	25	113	30	.....	.....
" 21 " "	39	22	6,050	20	.....	43	30	114	45	.....	.....
" 22 " "	50	17	8,400	23	.....	59	5	113	20	.....	.....
" 23 " "	109	.....	37,400	37	.....	91	30	172	15	13	.....
" 24 " "	16	.....	2,050	9	.....	2	40	13	30	.....	.....
" 25 " "	105	12	13,750	65	.....	88	.....	251	.....	.....	.....

SERVICES OF COMPANIES AT FIRES.

Companies.	Responded.	Transferred.	Feet of Hose Laid.	Tanks Used.	Extinguishers Used.	Ladders Used.	Feet of Ladders Used.	Working Time. Hrs	Min
No. 1 Hook & Ladder Co...	119	3	.....	.....	17	148	3968	237	44
" 2 " "	163	2	.....	.....	15	198	4093	219	32
" 3 " "	189	10	.....	.....	19	189	3769	160	50
" 4 " "	129	7	.....	.....	7	104	2393	174	12
" 5 " "	86	8	350	.....	43	100	2218	159	9
" 6 " "	141	5	.....	.....	34	105	2128	149	5
" 7 " "	57	2	7250	25	7	31	662	61	15
" 8 " "	34	3	2750	10	1	8	189	40	5
" 9 " "	17	.....	.....	8	3	24	398	55	26
" 10 " "	88	10	.....	.....	8	85	1184	170	25
" 11 " "	77	13	.....	.....	28	108	2005	214	.....
" 12 " "	2	.....	.....	.....	.....	1	20	1	20

SERVICE OF COMPANIES AT FIRES.

Companies.	Responded.	Transferred.	Tanks Used.	Extinguishers Used.	Ladders Used.	Time Away from Quarters. Hrs.	Min.
No. 1 Chemical Engine Co	48	.....	19	.....	5	61	18
" 2 " " "	44	3	24	.....	.....	55	15
" 3 " " "	11	.....	.....	7	10	32	50

SECOND, THIRD AND GENARAL ALARMS OF FIRE DURING 1904.

Box.	Location.	Date.	Alarm.	Alarm.	Alarm.
414	German and Howard streets	January 12	Second	Third	
274	Biddle and Chester streets	January 12	Second		
41	St. Paul and Fayette streets	January 26			General
41	St. Paul and Fayette streets	January 27	Second	Third	
447	Baltimore and Liberty streets	February 7			General
128	Lombard and Frederick streets	February 7	Second	Third	
159	Canton avenue and Broadway	February 8	Second		
139	Block and Point streets	February 8	Second		
31	Calvert and Pleasant streets	April 5			General
221	Holliday and Saratoga streets	April 5	Second		
212	Harrison street, near Fayette street	April 20	Second	Third	
188	Boston and Potomac streets	April 21	Second		
142	Bank and Durham streets	April 25	Second	Third	
54	Sharp and Montgomery streets	May 11	Second		
518	Bayard and Warner streets	May 12	Second	Third	
415	Baltimore and Eutaw streets	May 22	Second	Third	
12	Baltimore and Gay streets	June 19	Second		
563	Leadenhall and West streets	July 16	Second		
257	Aisquith street, near Oliver street	August 10	Second		
387	Pennsylvania and Fulton avenues	August 31	Second		
546	Howard and Hamburg streets	September 1	Second		
547	Howard and Stockholm streets	September 1	Second		
436	Lombard and Paca streets	October 13	Second		
38	Fremont and Pennsylvania avenues	November 2	Second	Third	
575	Lexington and Smallwood streets	November 11	Second		
581	Eutaw and Franklin streets	November 17	Second		
418	Howard and Lexington streets	November 15	Second		

NUMBER OF FIRES AND LOSSES EACH YEAR SINCE THE ORGANIZATION OF THE PAID FIRE DEPARTMENT.

Year.	Number of Fires.		Losses.
1859	98		$ 350,000 00
1860	112		310,000 00
1861	115		60,000 00
1862	130		83,000 00
1863	138		120,482 33
1864	143		163,528 49
1865	163		71,358 90
1866	178		181,115 00
1867	193		293,045 00
1868	145		76,244 75
1869	187		398,259 09
1870	203		432,717 07
1871	226		475,391 00
1872	245		300,000 00
1873	265		892,628 58
1874	384		506,826 15
1875	348		608,351 30
1876	332		563,248 78
1877	420		438,715 57
1878	371		162,312 78
1879	306		193,654 54
1880	343		580,290 09
1881	324		454,773 35
1882	358		330,113 84
1883	399		561 520 00
1884	388		617,871 79
1885	474		441,743 06
1886	430		896,527 12
1887	496		1,162,359 26
1888	602		1,272,478 82
1889	545		477,329 07
1890	594		441,152 65
1891	676		650,009 73
1892	795		839,435 77
1893	829		1,153,129 76
1894	831		542,188 29
1895	816		730,751 11
1896	985		423,062 79
1897	1,110		572,497 39
1898	1,375		861,114 77
1899	1,309		438,583 38
1900	1,458		1,084,471 84
1901	1,498		1,499,119 90
1902	1,547		681,968 89
1903	1,522		670,614 61
1904	1,482	(Estimated)	70,477,625 31
Total loss by fires in forty-six years has been			**$94,540,611 02**

SUMMARY OF FIRES FOR THE YEAR 1904.

Month.	First District.	Second District.	Third District.	Fourth District.	Fifth District.	Sixth District.	Boxes.	Silents.	Specials.	Total.
January	16	14	16	20	19	8	93	60	28	181
February	20	43	16	21	18	8	126	51	10	187
March	15	15	7	12	10	9	68	38	10	116
April	15	20	11	10	13	8	77	49	8	134
May	7	13	6	10	5	9	50	30	9	89
June	18	12	6	5	8	9	58	30	13	101
July	11	11	5	12	9	11	59	29	9	97
August	15	13	5	8	8	8	57	26	9	92
September	12	19	11	10	8	11	71	26	11	108
October	10	12	11	14	15	12	74	35	8	117
November	13	13	5	18	10	12	71	45	11	127
December	12	13	11	13	12	13	74	47	12	133
	164	198	110	153	135	118	878	466	138	1,482

FIRES INVESTIGATED BY MEMBERS OF DEPARTMENT AND WHICH WERE EXTINGUISHED BY POLICE AND CITIZENS.

No. 1 Engine Company	6
" 2 "	9
" 3 "	9
" 4 "	...
" 5 "	12
" 6 "	4
" 7 "	8
" 8 "	1
" 9 "	9
" 10 "	6
" 11 "	6
" 12 "	...
" 13 "	...
" 14 "	5
" 15 "	2
" 16 "	4
" 17 "	3
" 18 "	...
" 19 "	5
" 20 "	4
" 21 "	4
" 22 "	10
" 23 "	4
" 24 "	2
" 25 "	1
No. 1 Hook and Ladder Company	2
" 2 " "	1
" 3 " "	1
" 4 " "	...
" 5 " "	7
" 6 " "	4
" 7 " "	2
" 8 " "	1
" 9 " "	...
" 10 " "	...
" 11 " "	4
" 12 " "	...
No. 1 Chemical Engine Company	...
	136

TABLE SHOWING THE DIFFERENT CAUSES OF FIRES AND ALARMS DURING 1904.

Accidental alarm	2
Acetylene gas	2
Alcohol vapor	1
Asphaltum boiling over	1
Alcohol lamp	1
Burning rubbish	55
Burning soot	97
Burning manure	1
Bonfire	2
Boys fighting	1
Back draught	1
Coal oil stove	82
Cigarette	8
Coal oil lamp	35
Candle	24
Cigar	1
Defective flue	40
Defective gas pipe	2
Defective oven	1
Electric wire	38
Excessive heat from weather	1
Explosion of asphaltum	1
Explosion of oil vapor	1
Explosion of water back	1
Falling wall	1
False alarm	47
Fireworks	4
Friction of machinery	1
Fumigating house	1
Gas explosion	3
Gas stove explosion	10
Gas jet	43
Gasoline stove	125
Gasoline	30
Gas machine explosion	1
Grease boiling over	12
Gas lamp	2
Gasoline lamp	2
Gas pipe	1
Gasoline tank	1
Gas stove	1

Hot ashes	7
Hot lard boiling over	1
Liquid stove polish	1
Matches	75
Overheated stove	68
Overheated lime	1
Pulled for preceding fire	7
Reflection from gas jet	1
Rekindling of previous fire	4
Spontaneous combustion	2
Sparks	117
Supposed incendiary	4
Slacking lime	1
Singeing poultry over blaze	1
Thawing water pipe	15
Thawing gas pipe	1
Tinners' fire pot	2
Unknown	450
Unusual smoke	29
Unusual heat	2
Unnecessary alarms	9
	1,482

FIRES AT WHICH RESCUES WERE MADE.

January 3—Box 164 at 5.34 P. M.—Three-story brick barber shop and tenement house, No. 400 South Washington street:

Benjamin Roehtin, aged 35 years; Rebecca Roehtin, aged 7; Lena Roehtin, aged 4; May Roehtin, aged 3, and Mollie Roehtin, aged 1, were rescued from the second-story window; and Mrs. Carrie Rowe, aged 25 years, and Julian Rowe, aged 18 months, were rescued from the third-story window by means of ladders by members of No. 11 Engine Company and No. 3 Hook and Ladder Company. Their escape had been cut off by smoke and heat.

April 25—Box 142 at 9.27 A. M.—Six and one-half story brick storage and manufacturing warehouse on Southwest corner of Central avenue and Fawn street:

Two males and two females, who were unknown and whose escape had been cut off, were assisted down to the ground by means of ladders by members of No. 3 Hook and Ladder Company.

November 20—Box 623 at 12.15 A. M.—Two and one-half story lodging house, No. 4 East Church street:

Elijah Epp, colored, aged 28 years, was rescued from top floor, front room, by Lieut. Charles E. Donohue, of No. 6 Hook and Ladder Company, and Sixth District Engineer E. Louis Shipley, by being carried down stairs. He was in an unconscious condition, and was removed to the Maryland University Hospital.

December 12—Silent, 11.57 A.M.—Three-story brick dwelling, No. 931 Druid Hill avenue:

Annie Thompson, aged 50; Florence Thompson, aged 25, and William Taylor, aged 4 years, were taken down stairs and rescued from suffocation by Laddermen John Geiger and Edward Beach, of No. 4 Hook and Ladder Company.

FIRES WHICH WERE ATTENDED BY LOSS OF LIFE

January 25—Box 622 at 6.12 A.M.—Mrs. Caroline Fay, aged 70 years, 13 Weyler street, was burned to death by the explosion of a gasoline stove.

February 2—Box 53 at 6.34 A.M.—Mrs. Mary Donovan, aged 40 years, 852 Columbia avenue, was fatally burned, and died February 3d, at 5 o'clock A.M., caused by explosion of a gasoline stove.

February 13—Box 37 at 8.52 A.M.—Mrs. Fannie Cherry, aged 40 years, 1318 West Lafayette avenue, was fatally burned, and died at the Maryland General Hospital at 3 o'clock P.M.; caused by thawing water pipes.

February 26—Special at 3 P.M.—Mrs. Louise Ackler, aged 34 years, 1537 North Wolfe street, was burned to death while trying to extinguish a fire caused by sparks from chimney.

March 1—Box 185 at 7.56 P.M.—Noah Handley, aged 45 years, 3120 Dillon street, was instantly killed by the explosion of an acetylene gas machine.

March 14—Silent at 10.23 P.M.—Arthur Paris, aged 39 years, 47 Hughes street, was killed by a wall of building falling on him.

March 21—Box 634 at 3.37 P.M.—Mrs. Mary White, aged 65 years, 1537 Burrough street, was fatally burned on body, and died, after being removed to Maryland University Hospital, at 9.45 o'clock P.M.; caused by explosion of a coal oil stove.

May 7—Box 634 at 8.23 A.M.—Mrs. Mary Feely, aged 40 years, No. 1455 Allen street, was fatally burned on body, and died at 11.20 P.M. at the City Hospital; caused by the explosion of a gasoline stove.

June 12—Box 548 at 1.37 A.M.—Richard Sweeny, aged 7 years, 31 East Hill street, died at the Maryland University Hospital, at 1.00 P.M., June 13, 1904; caused by inhaling heat and smoke.

June 12—Box 548 at 1.37 A.M.—James Sweeny, 31 East Hill street, aged 10 years, died at the Maryland University Hospital, at 3.30 P.M., June 13, 1904; caused by inhaling heat and smoke.

June 12—Box 548 at 1.37 A.M.—Rosa Sweeny, aged 7 years, 31 East Hill street, died at the Maryland University Hospital, at 3 o'clock P.M., June 14, 1904; caused by inhaling heat and smoke.

June 12—Box 548 at 1.37 A.M.—Mrs. Annie Collins, aged 60 years, 31 East Hill street, died at the Maryland University Hospital, at 9.15 P.M., June 16; caused by inhaling heat and smoke.

July 7—Box 744 at 1.04 P.M.—Mrs. Sallie Sanders, aged 25 years, 103 Reese street, was fatally burned on body, and died on July 9th, at 8.20 A.M.; caused by the explosion of a gasoline stove.

July 18—Silent at 5.34 P.M.—Miss Melvin Gordon, aged 52 years, 2118 Eastern avenue, was fatally burned; caused by the explosion of a gasoline stove.

October 1—Box 461 at 12.01 P.M.—Edna Strickland, aged 15 months, 427 Forrest street, was fatally burned on body, and died at 2.15 P.M.; caused by the explosion of a can of gasoline.

October 23—Box 482 at 2.27 A.M.—Mrs. Bridget Welsh, aged 81 years, 1924 Christian street, was overcome by smoke and fell in the bath tub and drowned.

October 29—Box 217 at 6.31 P.M.—R. J. Murphy, aged 60 years, 410 East Monument street, was fatally burned on body, and died November 2d; caused by the explosion of a coal oil stove.

November 1—Special at 1.30 P.M.—Mrs. Elizabeth Schenerman, aged 34 years, 1800 North Wolfe street, was fatally burned; caused by an explosion of liquid stove polish.

November 14—Silent at 6.33 A.M.—Wesley Gill, aged 3 years, 1423 Cooksie street, was burned to death; caused by playing with matches.

November 16—Silent at 12.30 P.M.—Lloyd Hawkins, aged 4 years, 913 West Mulberry street, was fatally burned and died at 8.55 P.M., at Franklin Square Hospital; caused by playing with matches.

December 7—Silent at 6 P.M.—Annie Deering, aged 8 years, 124 South Durham street, was fatally burned, and died at 3 o'clock P.M.; cause unknown.

BALTIMORE, January 1, 1905.

To the Honorable the Board of Fire Commissioners.

GENTLEMEN: I have the honor to present herewith the report of the Department under my charge from January 1 to December 31, 1904:

Total number of sick	234
Total number of accidents	152
	386

The above does not include 195 cases of sick and accidents treated during the conflagration of February 7 and 8, 1904. On that occasion, besides the members of the Department, there were a number of cases of visiting firemen who reported for treatment during the fire.

I wish to take this opportunity to again express my thanks to Dr. A. F. Conrey, Dr. J. W. Tompkins, Dr. L. E. Beach and Mr. Harry Dulany, a medical student, for their untiring assistance during the trying times; also the ladies who rendered assistance at quarters of No. 6 Engine Company, which was made a temporary hospital on Sunday night, February 7, and kept so the 8, 9, 10 and 11.

The health of the Department has, in my opinion, been very good, taking into consideration the number of men we have. Mortality four men.

I would respectfully suggest that the men be given the "Setting Up Exercises" daily, which, when given systematically, bring every muscle in the body into action, and, while not violent, do not allow any part of the body to become indolent. These exercises have been adopted by both the United States Army and Navy, and where the men lead a sedentary life the benefits are very great.

In conclusion, I wish to express my deep appreciation of the many courtesies extended, and to the Chief Engineer, my sincere thanks for his ever readiness to promote the efficiency of my Department; to the District Engineers, for the many

acts of courtesy extended me at all times; to the Secretary and Assistant Secretary at Headquarters, and to the officers and men throughout the service for the great respect shown me at all times.

Respectfully,

EDWIN GEER,
Department Surgeon.

BALTIMORE, January 1, 1905.

To the Honorable Board of Fire Commissioners.

GENTLEMEN: I have the honor to present herewith report pertaining to the veterinary branch of the Department for the year 1904:

There were 179 cases of treatment at Department Hospital. Of this number, 96 were sick, 54 suffering from lameness and 29 injured. Four deaths occurred during the year, of which 2 were pneumonia, 1 of flatulent colic, and 1 died while responding to an alarm.

I desire to especially call attention to Water Tower No. 2 horse Goliath, who was so severely burned at the conflagration of February 7 and 8, 1904, and who, after receiving the most patient nursing and treatment, fully recovered and was again placed in active service.

In conclusion, I desire to express my appreciation of the courtesies extended by the Board, the Chief Engineer and officers and members of the Department generally, as well as to Hospital Stewards Raabe and Hughes, and the members of No. 10 Hook and Ladder Company, where the hospital is located, for their hearty co-operation.

Respectfully submitted,

JOS. M. HEAGERTY,
Department Veterinary Surgeon.

TABLES.

CASUALTIES.

Company.	Position.	Name.	Date of Injury.	Box.	Time Off Duty.	Nature of Injury.
Officers	Chief Engineer...	George W. Horton.....	Feb. 7	447	22 hours.	Shock from electric wires.
"	Dist. Engineer....	Fielding H. Lucas.....	Aug. 31	387	Not off duty.	Contusion of left arm from falling on platform.
"	Dist. Engineer...	James A. Campbell.....	Feb. 7	447	12 hours	Eyes.
"	Dist. Engineer...	August Emrich.....	Feb. 7	447	6 hours.	Eyes.
"	Dist. Engineer...	E. Louis Shipley.....	Feb. 7	447	5 days.	Leg.
No. 1 Engine	Pipeman.....	Milton Montgomery.....	Feb. 7	447	1⅛ days.	Inflamed eyes.
" 1 "	Asst. Engineman.	Cornelius P. Kuhan.....	May 5	In quarters.	16 days.	Right hand cut with axe.
" 1 "	Probationer.....	Joseph E. Watts.....	Sept. 1	546	2⅜ days.	Run nail in ball of right foot.
" 2 "	Pipeman	George D. Shanks.....	Feb. 8	447	20⅔ days.	Contused thigh.
" 2 "	Pipeman	Edward Tauber.....	Feb. 8	447	16⅔ days.	Bruises about body.
" 2 "	Hostler	Frank Hines.....	Feb. 8	447	3⅝ days.	Contused left knee.
" 2 "	Pipeman	Henry Miller.....	Sept. 27	624	14 wks 12 hrs	Contused right knee.
" 2 "	Pipeman	Allen G. Denny.....	Oct. 20	548	19 days.	Contused left leg.
" 3 "	Pipeman	Herman Fumbaugh.....	Jan. 27	41	9 days, 16 hrs	Left wrist and muscles of back sprained.
" 3 "	Captain	August Schlimm.....	Feb. 8	447	9 hours.	Injury to the eyes.
" 3 "	Lieutenant.....	Louis Buehler.....	Feb. 8	447	2½ hours.	Injury to the eyes.
" 3 "	Pipeman	Arthur Harrison.....	Feb. 8	447	10½ hours.	Injury to the eyes.
" 3 "	Pipeman	John Grasmick	April 25	142	20½ days.	Lacerated wound in right foot.
" 3 "	Pipeman	Herman Fumbaugh.....	June 15	Going to meals	15 days.	Sprained left hand.
" 3 "	Pipeman	Charles Edwards.....	Dec. 15, '03, ordered off Aug. 2, 1904.	413	57 dys. 20 hrs.	Rupture.

No. 4 Engine		Lieutenant	James A. Clark	May	14	Silent.	64⅛ days.	Fracture of elbow and hand.
" 4	"	Engineman	John J. Cahill	Nov.	29	In quarters.	Not off.	Right hand lacerated.
" 4	"	Hostler	George J. Hamilton	April	18	In quarters.	31⅛ days.	Left hand and head bruised.
" 5	"	Pipeman	Henry R. Seippel	Feb.	7	513	24 hours.	Injured right hip.
" 5	"	Pipeman	A. W. German, Jr.	Feb.	7	513	2 days.	Both eyes burnt.
" 5	"	Pipeman	Alonzo Nickum	Mar.	12	In quarters.	15¾ days.	Contusion of right shin.
" 5	"	Captain	H. C. Dotter	Mar.	29	162	2⅞ days.	Burnt right hand.
" 5	"	Asst. Engineman	John M. Foard	May	23	In quarters.	13⅔ days.	Dislocated left arm.
" 5	"	Pipeman	Henry R. Seippel	July	13	Silent.	13¾ days.	Sprained left knee.
" 5	"	Pipeman	Henry Fureschi	July	17	Off duty.	75½ days.	Concussion of spine.
" 5	"	Engineman	William T. Hubbard	Aug.	6	In quarters. 349.	48½ days.	Ligaments of right knee.
" 5	"	Pipeman	Henry R. Seippel	Sept.	14	152	20¼ days.	Dislocated right arm.
" 5	"	Pipeman	Alonzo Nickum	Nov.	18	418 In quarters.	Still off	Rupture.
" 6	"	Dist. Engineer	August Emrich	Jan.	26	41	7¾ days.	Left eye injured by being struck by stream of water.
" 6	"	Pipeman	John J. Eslinger	Jan.	26	221	Not off duty.	Wrenched left foot.
" 6	"	Dist. Engineer	August Emrich	Feb.	8			
" 6	"	Captain	Charles Betz	Feb.	7	513	2⅓ days.	Overcome by smoke and heat, and affected by smoke.
" 6	"	Engineman	Matthew Mulligan	Feb.	8	513	2½ days.	Eye affected by smoke.
" 6	"	Asst. Engineman	Thomas H. Sutton	Feb.	8	513	4 days.	Eye affected by smoke.
" 6	"	Pipeman	Frederick H. Kaufman	Feb.	8	513	Not off duty.	Eye affected by smoke
" 6	"	Pipeman	Gustave Miller	Feb.	8	513	2¼ days.	Eye affected by smoke.
" 6	"	Pipeman	Charles Hesse	Feb.	8	513		Eye affected by smoke.
" 6	"	Pipeman	Frederick W. Harman	Feb.	8	513		Eye affected by smoke.
" 6	"	Pipeman	George Jurek	Feb.	8	513		Eye affected by smoke.
" 6	"	Pipeman	Henry Meil	Feb.	8	513		Eye affected by smoke.
" 6	"	Pipeman	John J. Eslinger	Feb.	8	513		Eye affected by smoke.

CASUALTIES—Continued.

Company.	Position.	Name.	Date of Injury.	Box.	Time Off Duty.	Nature of Injury.
No. 6 Engine..	Asst. Engineman.	Thomas H. Sutton	May 17	On street.		Dislocation of small finger of left hand.
" 7 "	Substitute	Hugh Lavery	Feb. 8	447	36 hours.	Overcome with smoke.
" 7 "	Captain	J. B. Bortell	Feb. 7-8	447	34 hours.	Hot cinders in eyes and right eye burned.
" 7 "	Engineman	W. F. Welsh	Feb. 7-8	447	24 hours.	Hot cinders in eyes.
" 7 "	Engineman	W. F. Welsh	Sept. 23		Not off.	Nail in ball of right foot.
" 7 "	Probationer	W. Nash	Sept. 21	365	Not off.	Lacerated knee. Right hand fracture.
" 7 "	Probationer	W. Nash	Oct. 10		16 days 22 hrs	Lacerated face, right side.
" 7 "	Pipeman	T. B. Gray	Dec. 27	419	Not off.	Right hand and ear burnt.
" 8 "	Pipeman	James A. DePuey	Sept. 14	426	24¼ days.	Contusion of the Elebronsal bone of left foot, from sliding down pole.
" 9 "	Pipeman	Frank G. Smith	Jan. 9	216	9⅝ days.	Contusion of right hip bone, left shin, and right elbow.
" 9 "	Captain	Samuel R. Watkins	Feb. 7	41	22 7/12 days.	Dislocation of left hip.
" 9 "	Pipeman	Emil Kadan	Mar. 17	257	10 days.	Burned right hand.
" 9 "	Probationer	Bernard Weiss	Mar. 12	28	17¾ days.	Dislocated left thumb.
" 10 "	Pipeman	Justice G. Keilholtz	Aug. 9	53		Head bruised on right side.
" 10 "	Pipeman	Thomas Kerr	Aug. 11	525		Both arms skinned.
" 10 "	Pipeman	Albert A. Torney	Aug. 18	482		Neck burned.
" 10 "	Pipeman	Thomas Kerr	Nov. 2		11⅛ days.	Left leg bruised.
" 11 "	Lieutenant	Thomas Flaherty	Feb. 7	318	5⅞ days.	Head cut.
" 11 "	Pipeman	Albert H. Gier	Feb. 8	414	3 days.	Eyes burnt.
" 11 "	Pipeman	A. A. Albert	Feb. 8	414	2½ days.	Eyes burnt.
" 11 "	Pipeman	J. W. Barton	Feb. 8	414	½ day.	Eyes burnt.

No. 12 Engine	Pipeman	C. H. Wheatley	Feb. 8	414	⅓ day.	Exhausted.
" 12 "	Pipeman	C. P Griffin	Feb. 8	414	25 days.	Injured knee.
" 12 "	Engineman	J. I. Cranford	Sept. 17	62		Lacerated head.
" 13 "	Pipeman	Wade H. Jones	Feb. 1	In quarters.	Not off duty.	Left ankle lacerated; toe on left foot contused by horse treading on same.
" 13 "	Pipeman	John H. Liedlich	Feb. 7	513	7¾ days.	Thumb and palm of right hand cut by falling glass.
" 13 "	Captain	George C. Young	April 7	472	Not off duty.	Contusion of left eye ball from lash of whip.
" 13 "	Hostler	John F. Mackenzie	Nov. 17	581	Not off duty.	Back and hips strained by engine striking hole.
" 13 "	Pipeman	Louis F. Dorsey	Dec. 26	In quarters.	Not off duty.	Contusion of right arm which was struck by hose wagon pole.
" 14 "	Asst. Engineman	W. E Koontz	Feb. 7	414	6 days	Left eye burned; right index finger cut.
" 14 "	Pipeman	G. H. Mills	Feb. 7	414	3 days.	Inflamed eyes.
" 14 "	Pipeman	J. E. McDonnell	Feb. 7	414	2 days.	Strained back.
" 15 "	Pipeman	William Kimball	Jan. 26	In quarters.	17½ days.	Abscess on left knee.
" 15 "	Pipeman	Harry Showacre	April 25	142	46 days.	Dislocated left shoulder.
" 15 "	Pipeman	Harry Showacre	Dec. 10	In quarters.	Still off duty.	Sprained left ankle.
" 16 "	Lieutenant	Louis Harrer	April 21	188	18¾ days	Bruised right hip.
" 17 "	Pipeman	Frank A. Kraft	Feb 8	414	16 days, 5 hrs	Fracture of left rib.
" 18 "	Captain	John H. Morgan	Feb. 7	414	3½ days.	Burnt eyes and sprained back.
" 18 "	Lieutenant	William H. Quincy	Feb. 7	414	16½ days.	Injured left knee.
" 19 "	Engineman	John N. Bletzer	May 29	Off duty.	19 days.	Contusion of seventh and eighth ribs.
" 19 "	Pipeman	William H. Cuddy.	Dec. 27	In quarters.	Still off; 4 days, 14 hrs.	Lacerated right leg.
" 20 "	Engineman	John H. Deal	Feb. 8	447	2 days.	Face and eyes burned.
" 20 "	Asst. Engineman	William H. Hardy	Feb. 8	447	21 days.	Heavy cold; exhausted.

CASUALTIES—Continued.

Company.	Position.	Name.	Date of Injury.	Box.	Time Off Duty.	Nature of Injury.
No. 20 Engine	Pipeman	Hugh P. Fox	Feb. 8	447	3 days.	Face and eyes burned.
" 20 "	Pipeman	Walter J. Woods	Feb. 8	447	12 days.	Cinders in eyes.
" 20 "	Pipeman	Charles Sapp	Feb. 8	447	16⅓ days.	Contracted Lagrippe.
" 20 "	Pipeman	Guy E. Heitzman	Feb. 8	447	1 day	Conjestive chill.
" 20 "	Pipeman	Hugh P. Fox	Feb. 22	Day off.	15¾ days.	Sprained ankle.
" 20 "	Pipeman	Charles Sapp	Aug. 31	387	Active duty.	Ran nail in foot.
" 20 "	Pipeman	John C. Stolte	Dec. 6	Going to meals.	7½ days.	Contusion of both hands; lacerated hip.
" 21 "	Lieutenant	William F. Morrow	Feb. 8	123	3 days.	Eyes burnt.
" 21 "	Pipeman	Courtney Crabster	Feb. 8	123	2½ days.	Eyes burnt.
" 21 "	Pipeman	Henry Prodoehl	Feb. 8	123	15½ days.	Rib fractured.
" 21 "	Captain	John Hoffman	Feb. 9	123	2 days.	Eyes burnt and left leg injured.
" 21 "	Asst. Engineman	William P. Patterson	Feb. 9	123	3 days.	Exhaustion.
" 21 "	Pipeman	John Bell	Feb. 9	123	64 days.	Eyes burnt and exhaustion.
" 21 "	Pipeman	Samuel Bersterman	Feb. 9	123	5½ days.	Exhaustion and cold.
" 22 "	Captain	George E. Croucher	Feb. 7	513	7 hours.	Eyes burnt.
" 22 "	Hostler	Oliver K. Drury	Feb. 7	513	8 days.	Back bruised; two fingers cut.
" 22 "	Pipeman	Otto Leidtke	Feb. 7	513	10 hours.	Eyes burnt.
" 22 "	Pipeman	Edward Kreager	Feb. 7	513	12 hours.	Eyes burnt.
" 22 "	Pipeman	John F. Curry	Feb. 7	513	12 hours.	Eyes burnt.
" 22 "	Pipeman	Joseph B. Whitney	Feb. 7	513	18 hours.	Eyes burnt.
" 22 "	Substitute	Conrad Brocklander	Feb. 7	513	1 day, 6 hrs.	Eyes burnt.
" 22 "	Asst. Engineman	Henry G. Veimann	Aug. 1	In quarter.	Not off.	Scalp wound.
" 23 "	Pipeman	James M. Ford	Jan. 26	41	4 days.	Thumb and index finger of right hand cut.
" 23 "	Pipeman	George D. Otter	Feb. 7	447	Half day.	Exhaustion.

No.	23	Engine	Pipeman	William F. Garrison	Feb.	7	447	Not off duty.	Exhaustion.
"	23	"	Captain	John T. Owens	Feb.	8	447	Not off duty.	Eyes injured by heat.
"	23	"	Engineman	Frank R Nehren	Feb.	8	447	6½ days.	Exhaustion.
"	23	"	Pipeman	Stephen Cosgrove	Feb.	8	447	Not off duty	Eyes injured by heat.
"	23	"	Pipeman	Samuel Griffith	Feb.	8	447	Not off duty.	Eyes injured by heat.
"	24	"	Pipeman	Charles M. Harris	Dec.	9	In quarters.	Not off duty.	Splinter in thumb, left hand.
"	25	"	Pipeman	William L. Carlos	Feb.	8	Silent.	13 days.	Head and right side of body bruised.
"	25	"	Pipeman	William Otto	Feb.	8	144	2 days.	Overcome by smoke.
"	25	"	Hostler	Frederick W. Viehmeyer.	Dec.	13	In quarters.	Still off.	Dislocation of one of small bones of right foot.
"	1	H. & Ladder	Captain	Robert Perry	Oct.	8	At home.	15⅓ days.	Burnt about both hands.
"	2	" "	Ladderman	William H. Darney	Jan.	21	43	29 days, 14 hours.	Large toe left foot fractured.
"	2	" "	Substitute	Edwin Quigley	April	5	31	14 days.	Two fingers left hand cut by glass.
"	2	" "	Probationer	Thomas Voyce	Oct.	24	446	22⅔ days.	Two ribs right side fractured.
"	3	" "	Asst. Tillerman	Robert T. Creamer	Feb.	8	447	6 hours.	Both eyes burnt.
"	3	" "	Ladderman	Robert J. Thompson	Feb.	8	447	6 hours.	Both eyes burnt.
"	3	" "	Ladderman	Joseph M. Diggs	Feb.	8	447	7 days.	Both eyes burnt.
"	3	" "	Asst. Ladderman	Jacob Guidice	Feb.	8	447	4 hours.	Both eyes burnt.
"	3	" "	Ladderman	George E. Wellslager	Nov.	9	At home.	7 days.	Thrombosis of vena penis.
"	4	" '	Captain	Andrew J. Bilson	Jan.	27	41	22¼ days.	Left shoulder dislocated.
"	4	" "	Asst. Tillerman	Milton R. Quigley	Sept.	15	365	38 days.	Index finger cut and broken.
"	4	" "	Ladderman	Lawrence Blake	Sept.	23	249	32 days.	Contused knee.
"	5	" "	Ladderman	Robert E. L. Johns	May	22	257	Not off.	Cut across the bridge of the nose, and right wrist cut by hot glass.
"	5	" "	Ladderman	John I. Buck	June	4	273	$7\frac{5}{6}$ days.	Nail in ball of left foot.
"	5	" "	Ladderman	Robert E. L. Johns	July	31	261	$28\frac{2}{3}$ days.	Contusion of left foot.
"	6	" "	Ladderman	Charles Fay	Feb.	7	447	$7\frac{1}{12}$ days.	Bruised back.

CASUALTIES—Concluded.

Company.	Position.	Name.	Date of Injury.	Box.	Time Off Duty.	Nature of Injury.
No. 10 H. & Ladder	Tillerman.....	James B. Kelley.....	Feb. 8	447	23 days.	Sprained back
" 10 " "	Ladderman	William S. Fort	Feb. 8	447	24 hours.	Eyesight affected by smoke.
" 10 " "	Ladderman	James McGee.....	May 20	In quarters.	38 days.	Fractured bone in right foot.
" 11 " "	Ladderman	Wm. J. McDonald.....	Feb. 7	In quarters	7½ days.	Back of right hand cut with glass.
" 12 " "	Ladderman	Hugh P. Fox	Aug. 9	At quarters.	13 days.	Sprained left ankle.
" 12 " "	Hostler.....	Paul F. Lawrence..	Oct. 19	At quarters.	On duty.	Run scissors in right hand.
" 1 Chemical.....	Pipeman	Martin Kirby.....	May 26	741	4 days.	Burns on right arm and neck.

ROSTER OF THE DEPARTMENT

AND

LOCATION OF COMPANIES

1904

OFFICERS.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George W. Horton	58	Mar. 1, 1862	Chief Engineer	404 Colvin street	Wireworker.
James A. Campbell	40	Jan. 16, 1894	1st Dist "	525 North Paca street	Stonecutter.
August Emerich	42	June 13, 1884	2d " "	2313 York road	Coal dealer.
Frederick Branan	57	April 21, 1879	3d " "	324 West Twenty-first st.	Harnessmaker.
Fielding H. Lucas	53	April 1, 1881	4th " "	1013 North Arlington ave.	Typefounder.
Levin H. Burkhardt	37	Nov. 3, 1890	5th " "	13 West Mulberry st.	Carpenter.
E. Louis Shipley	44	July 1, 1891	6th " "	2123 McCulloh street	Shoemaker.
Thomas H. Meushaw	48	May 1, 1885	Supt. Machinery	2204 East Lombard st	Machinist.

No. 1 ENGINE COMPANY.—Located on Paca Street, north of Fayette Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James T. Dunn	44	April 1, 1890	Captain	873 W. Fayette st.	Iron Moulder.
Charles E. Rice	35	April 15, 1893	Lieutenant	1633 W. Lexington st.	Packer.
John Stanton	40	March 1, 1895	Engineman	2206 E. Lombard st	Boilermaker.
Cornelius P. Kuhan	26	July 5, 1901	Asst. Engineman.	1906 W. Hollins st.	Machinist.
Louis J. Fresch	61	Nov. 29, 1872	Hostler	507 N. Schroeder st.	Carpenter.
Louis L. Schlimm	43	April 1, 1888	Pipeman	231 S. Bond st	Boxmaker.
William F. Feeney	26	July 15, 1901	Pipeman	1436 Riverside ave.	Boilermaker.
Milton Montgomery	26	Nov. 23, 1900	Pipeman	121 N. Paca st	Electrician.
Frank Steinemann	25	April 3, 1902	Pipeman	1601 W. Pratt st	Electrician.
James J. Lacey	26	Feb. 15, 1902	Pipeman	1723 Byrd st	Fireman.
John L. Smith	23	Aug. 5, 1903	Pipeman	2583 W. Fayette st.	Packer.
John M. Goodwill	36	Nov. 17, 1904	Probationer	2314 Canton ave	Salesman.

No. 2 ENGINE COMPANY.—Located on Barre Street, near Sharp Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Henry Stagge	39	July 1, 1891	Captain	325 S. Mount st	Iron Moulder.
Francis Heusman	30	Mar. 19, 1898	Lieutenant	919 Ramsay st.	Flyman.
Thomas S. Atkinson	54	Aug. 5, 1881	Engineman	226 N. Monroe st.	Machinist.
Daniel H. Weber	44	Aug. 1, 1889	Asst. Engineman	1705 Riggs ave	Machinist.
Frank Hines	40	April 30, 1890	Hostler	936 S. Sharp st.	Tinner.
William H. Bell	48	May 22, 1894	Pipeman	1142 Cleveland st	Blacksmith.
Edward Tauber	38	June 1, 1890	Pipeman	21 W. Hlll st	Driver.
John J. Schlag	38	Nov. 27, 1897	Pipeman	1146 Scott st	Iron Moulder.
George D. Shanks	47	Dec. 15, 1896	Pipeman	1111 W. Cross st	Shoemaker.
Allen G. Denny	29	July 1, 1903	Pipeman	1827 S. Hanover st.	Laborer.
Henry Miller	29	Nov. 23, 1900	Pipeman	905 Columbia ave.	Driver.
James P. Egan	27	Jan. 15, 1904	Pipeman	202 S. Stricker st.	Driver.

No. 3 ENGINE COMPANY.—Located on East Lombard Street, near High Street

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
August Schlimm	39	April 1, 1890	Captain	305 S. Central avenue.	Driver.
Howard Dixon	30	June 30, 1899	Lieutenant	436 E. Lanvale street	Gold Beater.
Joseph P. Whalen	39	July 28, 1896	Engineman	116 E. Ann street.	Machinist.
George G. Battersby	30	Sept. 1, 1903	Asst. Engineman	2635 Fait avenue.	Marine Engineer.
James Radford	39	Mar. 9, 1897	Hostler	1712 E. Lanvale street.	Driver.
Herman Fumbaugh	46	April 1, 1888	Pipeman	1911 Fairmount avenue	Driver.
Arthur G. Harrison	32	June 3, 1897	Pipeman	2132 Orleans street.	Plumber.
John Grasmick	31	Dec. 24, 1896	Pipeman	2003 Bank street.	Carpenter.
William Kirwan	28	June 21, 1896	Pipeman	216 N. Collington ave.	Plumber.
Charles Edwards	31	June 1, 1898	Pipeman	1837 E. Chase street.	Brakeman.
John Joyce	33	Aug. 5, 1903	Pipeman	1727 Covington street	Tin Examiner.
Joseph Danaher	25	Dec. 8, 1904	Probationer	1004 Chesapeake street.	Laborer.

No. 4 ENGINE COMPANY.—Located on Lexington Street, between North and Davis Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Henry J. Carle	34	Mar. 1, 1895	Captain	35 S. Patuxent st.	Electrotyper.
James A. Clark	39	Aug. 25, 1891	Lieutenant	168 Old York Road	Car Driver.
John J. Cahill	40	Feb. 15, 1893	Engineman	221 N. Mount st	Machinist.
John J. Carr	37	July 30, 1903	Asst. Engineman.	403 S. Eden st	Marine Engineer.
George J. Hamilton.	28	Dec. 15, 1897	Hostler	1711 E. Madison st	Driver.
Henry F. Boerner	44	Mar. 1, 1895	Pipeman	718 E. Biddle st	Tinsmith.
George A. Ford	45	May 1, 1896	Pipeman	1610 Ruskin ave	Clerk.
Bankard B. Guthrie	30	June 22, 1900	Pipeman	108 Collington ave	Plasterer.
John P. Weinknecht	26	Aug. 3, 1901	Pipeman	2306 E. Fayette st	Bricklayer.
Thomas M. Farrell	24	Oct. 15, 1902	Pipeman	1250 N. Gay st	Driver.
James C. Downs	23	Oct. 1, 1903	Pipeman	1627 E. Monument st	Hospital Orderly.
George C. Miles	24	Mar. 19, 1903	Pipeman	907 McHenry st	Machine Hand
Bernard E. McElroy	27	July 25, 1904	Probationer	18 S. Carrollton ave	Iron Moulder.

No. 5 ENGINE COMPANY.—Located on Ann Street, near Gough Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Henry C. Dotter	40	May 30, 1896	Captain	1016 Chesapeake street	Stove Moulder.
Charles Rosenthal	46	Oct. 1, 1890	Lieutenant	2227 Gough street	Carpenter.
William T. Hubbard	46	Dec. 7, 1893	Engineman	324 S. Patterson Park ave	Marine Engineer.
John M. Foard	34	Dec. 15, 1897	Asst. Engineman.	415 N. Patterson Park ave.	Machinist.
Anthony J Porcella	26	Dec. 1, 1900	Hostler	239 S. Ann street	Driver.
Henry R. Seippel	55	Dec. 1, 1874	Pipeman	103 S. Ann street	Barber.
Anthony Schoepplein	49	June 24, 1891	Pipeman	211 S. Regester street	Cooper.
Henry Fureschi	24	Jan. 20, 1903	Pipeman	529 Sharp street	Gasfitter.
Andrew W. German, Jr.	30	Oct. 1, 1902	Pipeman	153 N. Milton avenue	Clerk.
Alonzo Nickum	35	Feb. 23, 1900	Pipeman	222 S. Wolfe street	Bricklayer.
Joseph E. Haskell	24	July 1, 1903	Pipeman	1246 N. Gay street	Woodcarver.

No. 6 ENGINE COMPANY.—Located at Gay and Ensor Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Charles Betz	52	Sept. 4, 1885	Captain	426 Colvin st	Shoemaker.
Frederick C. Weiss	31	Oct. 1, 1896	Lieutenant	312 S. Wolfe st.	Machinist.
Matthew Mulligan	65	Oct. 8, 1870	Engineman	1027 Valley st	Machinist.
Thomas H. Sutton	34	Jan. 1, 1895	Asst. Engineman.	433 E. Lanvale st	Motorman.
Charles L. Schulte	46	Nov. 10, 1892	Hostler	639 S. Paca st.	Butcher.
Frederick H. Kaufman.	32	Sept. 1, 1895	Pipeman	2000 E. Madison st.	Carriagesmith.
Gustave Miller	32	Mar. 1, 1895	Pipeman	507 N. Bond st	Hostler.
Charles Hesse	36	Nov. 3, 1897	Pipeman	1126 E. Lombard st	Shoemaker.
Frederick W. Harman	40	Aug. 31, 1892	Pipeman	417 Mott st.	Brassfinisher.
George Yurek	31	Mar. 13, 1899	Pipeman	121 Regester st.	Brassfinisher.
Henry Meil	32	Dec. 15, 1896	Pipeman	301 S, Central ave.	Carpenter.
John J. Eslinger	31	Mar. 25, 1903	Pipeman	126 Baxter st.	Barber.

No. 7 ENGINE COMPANY.—Located at Eutaw Street and Druid Hill Avenue.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
J. B. Bortell	39	Sept. 7, 1888	Captain.	516 N. Milton ave.	Shiprigger.
J J. Clancy	37	Oct. 2, 1897	Lieutenant	1701 Hope st.	Canmaker.
J. I. Cranford	35	Feb. 15, 1893	Engineman	516 Hanover st.	Machinist
J. Lohnes	30	Jan. 1, 1903	Asst. Engineman.	2231 Orleans st.	Marine Engineer.
H. Schiminger	50	April 1, 1890	Hostler	885 W. Fayette st	Hostler.
W. H. Chester	40	July 20, 1899	Pipeman	1811 E. Pratt st	Hostler.
J. Watson	31	Dec. 15, 1897	Pipeman	841 S. Paca st	Carpenter.
W. Mannar	36	Oct. 1, 1902	Pipeman	1824 S. Hanover st.	Laborer.
W. Davis	27	Aug. 5, 1903	Pipeman	521 N. Howard st.	Hostler.
F. B. Gray	27	Dec. 2, 1903	Pipeman	1425 Mosher st	Shoecutter.
James E. Clark	32	Sept. 1, 1904	Pipeman	311 S. Pulaski st	Hostler.
W. H. Nash	34	Feb. 28, 1904	Probationer	404 E. Clement st.	Boilermaker Helper.

No. 8 ENGINE COMPANY.—Located on Mulberry Street, near Arlington Avenue.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William J. Stewart	53	Mar. 26, 1876	Captain	424 N. Arlington ave.	Tinner.
James Nolan	33	May 20, 1893	Lieutenant	221 N. Fremont ave.	Collarmaker.
Charles E. Freburger	56	June 1, 1875	Engineman	1202 W. Franklin st	Machinist.
Charles A. Litchfield	30	Dec. 15, 1897	Asst. Engineman.	1202 W. Lombard st	Machinist.
Edward A. Ward	32	Mar. 1, 1895	Hostler	658 Columbia ave	Driver.
Charles Airey	52	Oct. 11, 1883	Pipeman	300 N. Mount st	Cigarmaker.
William Eckert	46	April 15, 1887	Pipeman	1033 W. Mulberry st	Brushmaker.
James A. De Puey	46	Oct. 1, 1897	Pipeman	1931 W. Lanvale st	Paperhanger.
William J. Watkins	42	Aug. 2, 1895	Pipeman	625 N. Payson st	Cotton Inspector.
John S. Webb	43	Mar. 9, 1899	Pipeman	1214 W. Fayette st	Driver.
Walter Filling	30	Oct. 5, 1898	Pipeman	616 Clinton ave	Watchman.

No. 9 ENGINE COMPANY.—Located on Madison Street, near Broadway.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Samuel R. Watkins	50	July 26, 1890	Captain	284 Harford road	Sailmaker.
Michael J. Ready	35	May 30, 1896	Lieutenant	1506 N. Eden street	Woodworker.
Daniel Rogers	58	Feb. 1, 1872	Engineman	1505 E. Madison street.	Machinist.
Edward R. McCullough	47	May 26, 1896	Asst. Engineman.	1737 E. Lombard street	Machinist.
Frisby Lloyd	44	Dec. 11, 1896	Hostler	729 N. Chester street	Canmaker.
John Amend	44	Oct. 17, 1892	Pipeman	1729 E. Preston street	Boxmaker.
Richard V. Pittinger	57	April 1, 1880	Pipeman	1835 Jefferson street	Carpenter.
John T. Gordon	31	Aug. 10, 1895	Pipeman	446 Patterson Park ave	Soap Presser.
Emil Kadan	24	July 1, 1903	Pipeman	412 N. Ann street	Tailor
Charles Crass	30	Mar. 17, 1901	Pipeman	246 N. Montford ave	Tinner.
Bernard Weiss	29	Nov. 20, 1903	Pipeman	2007 Gough street	Clerk.
Conrad Brocklander	35	Aug. 15, 1904	Probationer	716 S. Bethel street	Roofer.

No. 10 ENGINE COMPANY.—Located on Columbia Avenue, near Poppleton Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George W. Smith.	47	May 12, 1890	Captain	903 Columbia ave.	Gasfitter and Plumber
Harry W. Rice.	32	Jan. 10, 1899	Lieutenant	810 Columbia ave.	Clerk.
John W. Walsh.	54	Mar. 4, 1876	Engineman	1115 W. Baltimore st	Machinist.
George C. Lloyd	36	Feb. 19, 1893	Asst. Engineman.	1213 W. Cross st.	Machinist.
Joseph W. Moon	53	Aug. 11, 1877	Hostler	1444 Covington st	Hostler.
Justice G. Keilholtz	58	Dec. 1, 1874	Pipeman	896 W. Lombard st	Mantel Setter.
Thomas Kerr	41	Aug. 31, 1889	Pipeman	1204 Columbia ave	Clerk.
Edgar B. McKnew	29	May 19, 1899	Pipeman	419 S. Poppleton st	Horseshoer.
Giles J. O'Brien	30	Aug. 11, 1902	Pipeman	1235 Harford ave	Moulder.
Albert A. Torney.	39	May 11, 1897	Pipeman	127 Parkin st	Butcher.
James Fitzgerald	27	Oct. 5, 1904	Probationer	1019 W. Baltimore st.	Clerk.

No. 11 ENGINE COMPANY.—Located S. E. Cor. Eastern and Patterson Park Avenues.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Michael A. Lind	43	July 13, 1887	Captain.	400 S. Patterson Pk. ave.	Painter.
Thomas Flaherty	44	Jan. 29, 1892	Lieutenant	2115 Bank st	Pilot.
John Calder	57	Oct. 8, 1870	Engineman	422 S. Patterson Pk. ave.	Machinist.
John H. Liebig	35	July 1, 1903	Asst. Engineman.	118 N. Baxter st	Fireman and Oiler.
Patrick H. Birthistle	37	Feb. 14, 1893	Hostler	34 N. Patuxent st	Driver.
Edward F. Stanton	30	Aug. 5, 1903	Pipeman	614 S. Ann st	Iron Moulder.
Philip Peacock	46	Mar. 5, 1895	Pipeman	2813 Eastern ave	Tinner.
Herman Mattes.	32	July 15, 1901	Pipeman	606 S. Rose st	Laborer.
Albert H. Gier.	50	April 1, 1879	Pipeman	1913 E. Lombard st.	Painter.
J. H. Miller	48	Nov. 10, 1885	Pipeman	3015 Fait ave.	Cigarmaker.
A. A. Albert	39	April 6, 1895	Pipeman	514 S. Montford ave.	Hostler.
Robert J. Moritz	35	May 4, 1904	Probationer	408 S. Wolfe st	Mariner.

No. 12 ENGINE COMPANY.—Located at Fort and Riverside Avenues.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John R. Miller	34	Mar. 1, 1895	Captain	1504 Riverside avenue	Carpenter.
Zachariah Foote	40	Feb. 26, 1892	Lieutenant	64 Belair road	Moulder.
William F. Welsh	41	May 28, 1893	Engineman	1642 S. Charles street	Machinist.
H. C. Fitzgerald	34	Mar. 26, 1904	Asst. Engineman.	1447 Riverside avenue	Machinist.
G. L. Krausz	37	Dec. 15, 1897	Hostler	1434 Marshall avenue	Brushmaker.
Peter McGonigle	44	Jan. 15, 1890	Pipeman	1300 Williams street	Cotton Sampler.
J. P. McKenna	33	Dec. 5, 1895	Pipeman	16 E. Beverly street	Hardwood-finisher.
R. T. Forsyth	37	Feb. 24, 1899	Pipeman	1429 William street	Tinner.
C. P. Griffin	52	Dec. 11, 1896	Pipemen	1103 Carroll street	Salesman.
T. G. Groth	28	Feb. 1, 1902	Pipeman	1741 Clarkson street	Printer.
C. H. Hamilton	30	Mar. 12, 1903	Pipeman	1516 Byrd street	Motorman.

No. 13 ENGINE COMPANY.- Located at Fremont and Myrtle Avenues.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George C. Young	52	Mar. 31, 1891	Captain	1324 Mosher st	Tinner.
Wilbur Pearce	47	Oct. 5, 1883	Lieutenant	1203 Winchester st	Moulder.
John W. Eckhardt	36	Aug. 5, 1890	Engineman	878 W. Fayette st	Machinist.
Charles A. Fraser	38	Mar. 28, 1898	Asst. Engineman.	1208 W. Lombard st	Machinist.
John F. Mackenzie	57	Feb. 8, 1889	Hostler	388 Waverly ave	Car driver.
Clifton Hedley	32	April 8, 1897	Pipeman	1304 Mosher st	Painter.
Wade H. Jones	28	Nov. 23, 1900	Pipeman	1625 N. Wolfe st	Driver.
Louis F. Dorsey	25	Sept. 5, 1901	Pipeman	1341 Mosher st	Clerk.
Harry C. Grimes	35	June 4, 1897	Pipeman	847 W. Lexington st	Machinist.
William E. Schultz	27	Aug. 5, 1903	Pipeman	2118 W. Pratt st	Motorman.
George A. Lenz	24	Aug. 4, 1903	Pipeman	1214 Patterson ave	Gasfitter.
John E. Medlar	34	Mar. 3, 1904	Probationer	1515 Jackson st	Railroad Conductor.

No. 14 ENGINE COMPANY.—Located on Hollins Street, near Monroe Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
J. F. Rupp	47	June 29, 1888	Captain	2108 Hollins st	Plasterer.
John Eigenbrodt	43	Jan. 12, 1891	Lieutenant	1134 Bowen st	Woodcarver.
John Gaffney	49	April 1, 1880	Engineman	1925 Hollins st	Machinist.
W. E. Koontz	34	July 13, 1901	Asst. Engineman.	1925 Lansdowne st	Machinist.
Joseph Lavender	57	Mar. 17. 1876	Hostler	1808 W. Saratoga st	Driver.
Leonard Jessop	49	July 1, 1892	Pipeman	1803 Frederick ave	Plasterer.
G. H. Mills	30	Oct. 19, 1898	Pipeman	2140 Hollins st	Driver.
T. F. Murphy	28	June 15, 1902	Pipeman	1930 Lansdowne st	Clerk.
G. L. Upperco	23	July 1, 1903	Pipeman	1805 Hollins st	Clerk.
J. E. McDonnell	28	June 15, 1902	Pipeman	132 S. Gilmor st	Clerk.
J. E. Watts	26	Nov. 18, 1903	Pipeman	120 S. Fulton ave	Bricklayer.

No. 15 ENGINE COMPANY.—Located on Lombard Street, between Howard and Eutaw Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John Kahl	35	Feb. 1, 1899	Captain	1428 Light st	Driver.
Frank J. Lavender	33	July 9, 1895	Lieutenant	205 N. Poppleton st	Laborer.
John R. Herr	33	Nov. 20, 1895	Lieutenant	2913 E. Baltimore st	Clothing Cutter.
William F. Awalt	43	April 1, 1890	Engineman	312 N. Poppleton st	Machinist.
John F. McCully	38	July 6, 1901	Asst. Engineman	1521 Covington st	Boilermaker.
Joseph V. Heilker	27	Aug. 5, 1903	Asst. Engineman	803 Somerset st	Pipefitter.
Mark Hill	51	April 1, 1890	Hostler	1940 W. Lexington st	Tinner.
William E. Stewart	35	Nov. 15, 1893	Pipeman	433 N. Exeter st	Iron Moulder.
Guy S. Ellis	42	July 1, 1898	Pipeman	345 S. Stricker st	Wagon-finisher.
John P. Flynn	26	June 7, 1900	Pipeman	1805 Ramsay st	Moulder.
William Kimball	35	Mar. 1, 1895	Pipeman	101 Roseland ave	Paperhanger.
Charles K. Heinbock	35	July 7, 1901	Pipeman	413 N. Fremont st	Salesman.
Frank Doerer	40	Mar. 1, 1895	Pipeman	1431 Milton ave	Driver.
John Luckhardt	33	Feb 1, 1900	Pipeman	1524 Boyle st	Canmaker.
Harry C. Showacre	36	June 14, 1902	Pipeman	1938 Hollins st	Carpenter.
Israel D. Appleby	52	Dec. 13, 1896	Pipeman	2030 Wilkens ave	Driver.
Eugene Short	37	June 7, 1901	Pipeman	323 W. Biddle st	Hostler.
Joseph Dove	25	Oct 1, 1902	Pipeman	509 Wyeth st	Butcher.
Adolph Vonderlinde	26	Aug. 29, 1899	Pipeman	824 W. Lombard st	Engineer.
William L. Carlos	33	Mar. 8, 1893	Pipeman	918 W. Mulberry st	Driver.
William E. Bussard	31	May 24, 1904	Pipeman	629 S. Paca st	Driver.
John W. Askew	26	July 20, 1904	Probationer	1436 Hanover st	Crockery Packer.
Jacob Guidice	28	Oct. 10, 1904	Probationer	2011 E. Biddle st	Driver.
William F. Meagher	24	Nov. 17, 2904	Probationer	1100 E Monument st	Driver.
Asa Griffith	27	Nov. 17, 1904	Probationer	16 E. Hamburg st	Car Conductor.
Thomas O'Byrne	27	Dec. 23, 1904	Probationer	811 Hanover st	Iron worker.

No. 16 ENGINE COMPANY, Located at Commercial Wharf.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Andrew W. German, Sr.	55	June 1, 1872	Captain	153 Milton avenue	Painter.
Louis Harrer	47	Dec. 19, 1892	Lieutenant	227 S. Caroline street	Wharf Builder.
Young D. Griffiss	36	June 24, 1903	Pilot	110 Clement street	Pilot.
Iverson J. Moon	50	Oct. 15, 1897	Pilot	1507 N. Wolfe street	Pilot.
Fred. L. Nelson	57	Dec. 1, 1874	Engineman	121 N. Milton avenue	Machinist.
William L. Sbisa	41	July 28, 1896	Asst. Engineman	305 N. Caroline street	Marine Engineer.
Charles E. Harrison	32	June 1, 1903	Asst. Engineman.	2627 Fait avenue	Marine Engineer.
James H. Hoey	57	July 1, 1891	Stoker	218 S. Castle street	Stoker.
Joseph F. Daly	26	May 17, 1899	Stoker	708 Aisquith street	Clerk.
John T. Seabreeze	60	Feb. 5, 1893	Stoker	1821 E. Pratt street.	Painter.
William H. Siebert	42	Oct. 1, 1897	Pipeman	2408 Fait avenue	Stevedore.
William P. Burke.	40	March 1, 1895	Pipeman	2038 Eastern avenue	Boilermaker.
Joseph L. Michael	23	May 11, 1904	Probationer	408 S. Collington avenue.	Iron Moulder.

No. 17 ENGINE COMPANY.—Located at Fort Avenue and Haubert Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John Prenger	52	April 15, 1890	Captain	1411 Hull st	Machinist.
Edward C. Klessel	52	Feb. 11, 1882	Lieutenant	1443 Riverside ave.	Gilder.
Charles T. Taylor	30	June 1, 1898	Engineman	1512 Hanover st.	Machinist.
Lawrence T. Rudolph	32	Mar. 1, 1895	Asst. Engineman	1142 Battery ave	Machinist.
Casper Kraft	45	Dec. 1, 1892	Hostler	417 Folsom st	Driver.
James Catterton	56	Oct. 23, 1886	Pipeman	146 William st	Painter.
John Moeller	38	Oct. 13, 1893	Pipeman	1380 E. Fort ave	Packer.
Frank A. Kraft	35	July 7, 1894	Pipeman	1424 Decatur st	Painter.
Joseph Neubert	53	May 1, 1895	Pipeman	1364 Andre st	Electrician.
Charles A. Neubert	25	Oct. 1, 1902	Pipeman	1364 Andre st	Laborer.
James M. Ford	30	May 1, 1903	Pipeman	1272 Battery ave	Pilot.
Charles H. Wheatley	45	Feb. 22, 1896	Pipeman	1725 Covington st	Boilermaker.

No. 18 ENGINE COMPANY.—Located on Twenty-first Street, near Maryland Avenue.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John H. Morgan	54	Nov. 20, 1872	Captain	1907 Oak Hill ave	Paperhanger.
William H. Quincy	49	Feb. 1, 1893	Lieutenant	334 E. Lafayette ave	Marblecutter.
Thomas S. Brown	45	Aug. 1, 1886	Engineman	122 W. Twenty-fourth st	Machinist.
Elijah J. B. Moore	41	Mar. 1, 1895	Asst. Engineman.	1306 Valley st.	Machinist.
John W. Potts	47	June 1, 1888	Hostler	2526 Oak st	Driver.
Robert H. Blatchley	34	Feb. 14, 1893	Pipeman	435 Oxford ave	Painter.
James J Reynolds	45	July 20, 1889	Pipeman	431 Roland ave.	Driver.
Howard R. Waite	31	Jan. 7, 1901	Pipeman	1212 Bolton st	Painter.
William T. Newell	31	June 7, 1901	Pipeman	1325 Greenmount ave	Motorman.
William T. Richter	25	Mar. 6, 1903	Pipeman	28 Gorsuch ave	Driver.
John Weiland	35	June 6, 1903	Pipeman	2636 Hampden ave.	Driver.
Theodore H. Wood	32	June 22, 1901	Pipeman	2609 Barclay st	Butcher.

No 19 ENGINE COMPANY, Located at East North Avenue and Bond Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Benjamin Price	60	April 1, 1879	Captain	2615 Atlantic avenue	Coffee Roaster.
Frederick J. Stroehlein	32	Dec. 15, 1896	Lieutenant.	520 Milton avenue.	Clerk.
John N. Bletzer	41	Jan. 25, 1889	Engineman	722 S. Bond street.	Machinist.
Jacob S. Corns	51	March 1, 1895	Asst. Engineman.	1836 E. Lafayette avenue.	Machinist.
Michael J. Farley	42	April 26, 1889	Hostler	1827 N. Bond street	Car Driver.
Louis Lohmann	44	March 1, 1895	Pipeman	2042 Federal street.	Varnisher.
William McK. Morrow	36	May 14, 1895	Pipeman	1111 N. Bond street	Paper Carrier.
William S. Couzens	43	Oct. 31, 1897	Pipeman	1640 N. Bond street	Collarmaker.
Bartley Halloran	33	Dec. 1, 1900	Pipeman	1323 Wirt street.	Scroll Sawyer.
William H. Cuddy	47	June 20, 1888	Pipeman	1515 E. Madison street.	Driver.
George W. Bentz	64	April 1, 1868	Pipeman	1611 N. Dallas street.	Baker.
Henry C. Miller	27	Mch. 11, 1904	Pipeman	1841 N. Bond street	Butcher.

No. 20 ENGINE COMPANY.—Located on North Avenue, near Tenth Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John W. Cook	43	May 7, 1893	Captain	1412 Lafayette avenue	Baker.
William I. Johns	46	Aug. 3, 1888	Lieutenant	1430 E. Lanvale street	Bricklayer.
John H. Deal	62	Feb. 1, 1872	Engineman	1812 Ninth street	Machinist.
William H. Hardy	40	Mar. 1, 1895	Asst. Engineman.	1944 Hollins street	Machinist.
Richard H. Hobson	41	Aug. 20, 1896	Hostler	2806 Walbrook avenue	Driver.
Samuel W. Marker	54	April 15, 1880	Pipeman	1715 Liberty road	Carpenter.
Walter J. Woods	55	Mar. 26, 1897	Pipeman	2866 W. Lanvale street	Carpenter.
Joseph G. Burger	44	Mar. 30, 1897	Pipeman	1807 Third street	Driver.
Charles Sapp	43	April 15, 1893	Pipeman	1418 W. Pratt street	Driver.
C. Allen Orem	54	Sept. 2, 1880	Pipeman	2906 Walbrook avenue	Painter.
Guy E. Heitzman	30	Feb. 1, 1902	Pipeman	1331 N. Gilmor street	Butcher.
John C. Stolte	36	Mar. 5, 1903	Pipeman	2818 W. Lafayette ave.	Laborer.

No. 21 ENGINE COMPANY.—Located at Roland Avenue and Oliver Place.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John A. Hoffman	57	April 1, 1874	Captain	637 Pitcher	Canmaker.
William F. Morrow	55	April 1, 1876	Lieutenant	1629 Druid Hill ave	Moulder.
Jackson Hedrick	39	Dec. 23, 1896	Engineman	2149 Cromwell st.	Machinist.
William P. Patterson	28	May 16, 1902	Asst. Engineman.	722 Thirty-fifth st.	Engineer.
Thomas R. Wann	36	Mar. 9, 1897	Hostler	275 Roland ave	Motorman.
James L. Clarkson	46	Aug. 1, 1888	Pipeman	226 Hickory ave	Driver.
Edward E. Harp	32	Oct. 1, 1897	Pipeman	3324 Cedar ave	Lineman.
Courtney Crabster	34	Sept. 8, 1899	Pipeman	835 Second ave	Iron Worker.
John Bell	47	Sept. 15, 1897	Pipeman	527 Oliver Place.	Porter.
John F. Paul	28	Sept. 30, 1903	Pipeman	716 Second ave	Laborer.
Benjamin F. Seipp	27	June 22, 1900	Pipeman	1613 Patterson ave	Blacksmith.
Randolph Causey	34	Jan. 25, 1904	Pipeman	527 E. Twenty-second st.	Motorman.

No. 22 ENGINE COMPANY.—Located at Patuxent and O'Donnell Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George E. Croucher	42	Mar. 1, 1888	Captain	1124 Potomac street	Canmaker.
George W. Shipley	47	Nov. 30, 1889	Lieutenant	109 N. Chester street	Gilder.
Charles W. Figgs	37	Aug. 10, 1901	Engineman	1107 Potomac street	Engineer.
Henry G. Neimann	36	May 30, 1903	Asst. Engineman.	1015 Potomac street	Stationary Engineer.
Oliver K. Drury	36	May 16, 1900	Hostler	1111 N. Wolfe street	Paperhanger.
Martin Lutz	32	Dec 1, 1900	Pipeman	2803 Fait avenue	Driver.
Otto Leidtke	31	Oct. 1, 1898	Pipeman	3011 O'Donnell street	Laborer.
Edw. Kreager	35	Feb. 20, 1899	Pipeman	833 Chesapeake street	Driver.
John F. Curry	37	July 15, 1894	Pipeman	1005 Patuxent street	Stove Mounter.
Joseph B. Whitney	36	July 1, 1903	Pipeman	3111 Dillon street	Furniture Packer.
Peter J. Lynch	31	Jan. 25, 1904	Pipeman	1503 Bank street	Boxmaker.
William D. Beynon	25	Oct. 1, 1902	Pipeman	824 Ashland avenue	Driver.

No. 23 ENGINE COMPANY.—Located at Saratoga Street and Tyson Alley.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John T. Owens	32	July 25, 1896	Captain	1412 W. Lombard st	Armature Winder.
Louis Buehler	32	Jan. 7, 1897	Lieutenant	1620 N. Washington st	Blacksmith.
Frank R. Nehren	40	July 1, 1891	Engineman	938 Argyle ave	Machinist.
Jacob Crispens	30	Nov. 12, 1902	Asst. Engineman.	837 W. Fayette st	Blacksmith.
Henry Spittle	31	Dec. 1, 1900	Hostler	932 W. Mulberry st	Driver.
Charles M. Potter	37	Feb. 1, 1902	Pipeman	611 E. Fort ave	Laborer.
George D. Otter	26	Oct. 1, 1902	Pipeman	1105 S. Charles st	Driver.
Stephen Cosgrove	29	Oct. 6, 1898	Pipeman	831 Woodward st	Painter.
Daniel V. O'Sullivan	29	Nov. 19, 1903	Pipeman	1208 Greenmount ave	Clerk.
Frank A. Waldner	30	Feb. 27, 1904	Pipeman	1020 Hillman st	Tinner.
William A. Hummel	30	Nov. 22, 1900	Pipeman	435 E. Madison st	Candymaker.
Charles L. Sauerwein	24	July 21, 1904	Pipeman	2146 Vine st	Machinist Helper.

No. 24 ENGINE COMPANY.—Located on Patterson Park avenue, near Fayette street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William C. D. Knight	36	July 10, 1894	Captain	933 Patterson Park ave	Driver.
James N. Robb	28	May 26, 1898	Lieutenant	230 N. Luzerne street	Pilot.
John Lindeman	57	April 7, 1889	Engineman	2036 Bank street	Machinist.
Robert R. Higgins	29	May 13, 1899	Asst. Engineman.	138 N. Collington ave	Marine Engineer.
Samnel Truett	40	Nov. 23, 1900	Hostler	328 Girard avenue	Painter.
Charles M. Harris	25	April 7, 1903	Pipeman	232 N. Patterson Park av.	Candymaker.
John N. Downs	56	Jan. 1, 1871	Pipeman	2123 Orleans street	Painter.
John H. Liedlich	24	Aug. 4, 1903	Pipeman	1632 N. Gay street	Conductor.
Michael J. Kram	41	Dec. 28, 1898	Pipeman	1104 E. Hoffman street	Cooper.
Constant Siebert	51	April 5, 1883	Pipeman	2319 Fairmount avenue	Driver.
Frank G. Smith	30	April 1, 1897	Pipeman	2426 E. Fayette street	Can-capper.
John W. Wittig	33	April 27, 1898	Pipeman	1746 Bank street	Laborer.

No. 25 ENGINE COMPANY.—Located at McCulloh and Gold Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William R. Bolgiano	44	May 10, 1897	Captain	2101 Druid Hill ave	Clerk.
William Lamb	42	Aug. 7, 1894	Lieutenant	1117 N. Carrollton ave	Car driver.
Thomas F. Sexton	51	July 1, 1882	Engineman	1623 N. Fulton ave	Engineer.
John Leser	29	Nov. 24, 1900	Asst. Engineman.	1738 E. Federal st	Baker.
Fred'k W. Viehmeyer	44	July 13, 1893	Hostler	650 W. Mulberry st	Driver.
Ross D. Gilbert	25	July 1, 1903	Pipeman	1040 York Road	Carpenter.
Clarence L. Bowman	30	July 1, 1903	Pipeman	1444 Marshall st	Driver.
Harry J. Berger	22	July 1, 1903	Pipeman	590 N. Gay st	Newsdealer.
John N. Dittman	24	Sept. 18, 1903	Pipeman	1701 W. Fayette st	Patternmaker.
William Otto	27	Aug. 5, 1903	Pipeman	2311 Ashland ave	Dyer.
Daniel L. Marcks	26	Feb. 1, 1901	Pipeman	1523 Myrtle ave	Railroad Fireman.
William L. Beauchamp	27	Sept. 16, 1904	Pipeman	219 Friendship lane	Car Conductor.

No. 1 HOOK AND LADDER COMPANY.—Located on Harrison Street, near Fayette Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Robert R. Perry	36	June 7, 1892	Captain	24 S. Broadway	Iron Moulder.
George E. McNeal	31	July 28, 1897	Lieutenant	1824 E. Monument st	Stoker.
George W. Haskell	58	April 22, 1876	Tillerman	1286 N Gay st	Carpenter.
Harry A. Donahoo	36	Mar. 3, 1896	Asst. Tillerman	1228 Jackson st	Cutter.
Cooper Elliott	51	Oct. 1, 1887	Hostler	719 N. Caroline st	Driver.
Z. T. Seabreeze	56	April 1, 1890	Ladderman	1821 E. Pratt st	Driver.
Joseph H. Daly	49	June 15, 1881	Ladderman	708 Aisquith st	Stonecutter.
James P. Lyons	32	Mar. 1, 1895	Ladderman	412 Miltou ave	Horseshoer.
John Strohminger	33	Oct. 1, 1900	Ladderman	232 Port st	Driver.
Fred W. Stortz	34	Oct. 1, 1902	Ladderman	225 Port st	Printer.
John F. Walsh	30	Aug. 5, 1903	Ladderman	130 Milton ave	Boilermaker.
Robert S. Downs	29	Dec. 8, 1904	Probationer	1302 N. Chester st	Motorman.

No. 2 HOOK AND LADDER COMPANY.—Located on Paca Street, near Fayette Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Emil Heise	45	April 1, 1890	Captain	307 N. Caroline street	Furniture Packer.
James McCarron	34	March 1, 1895	Lieutenant	1630 N. Wolfe street	Potter.
William G. Schultz	32	May 18, 1896	Tillerman	1502 E. Madison street	Box-maker.
George R. Hanauer	31	Dec. 15, 1897	Asst. Tillerman	113 N. Lakewood avenue	Tinner.
Thomas Montgomery	64	April 1, 1870	Hostler	121 N. Paca street	Driver.
Louis A. Tuckerman	29	June 23, 1890	Ladderman	306 Ramsay street	Hair Spinner.
J. Walter Bradley	25	Jan. 3, 1903	Ladderman	1048 W. Fayette street	Clerk.
Augustus Gesswein	36	March 4, 1904	Ladderman	702 E. Fort avenue	Canmaker.
George R. Chapman	29	Jan. 8, 1903	Ladderman	2032 Wilkens avenue	Telegraph Operator.
Louis R. Bell	30	May 30, 1903	Ladderman	1532 Light street	Machinist Helper.
Frank Heiner	28	April 3, 1902	Ladderman	1028 Barre street	Piano Polisher.
Thomas Voyce	45	April 1, 1889	Probationer	1535 Boyle street	Boilermaker.

No. 3 HOOK AND LADDER COMPANY.—Located on Ann street, near Gough street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George W. Foxwell	58	Jan. 1, 1871	Captain	1911 Bank st	Shipwright.
Peter Nelson	47	Jan. 3, 1890	Lieutenant.	14 S. Ann st	Seaman.
James F. Reilly	52	Nov. 13, 1874	Tillerman	1633 E. Lombard st	Painter.
Robert T. Creamer	37	Mar. 9, 1897	Asst. Tillerman	1507 N. Dallas st	Carpenter.
William Hastler	41	Mar 21, 1893	Hostler	1929 Canton ave.	Hostler.
Christian Fitzberger	35	Mar. 1, 1895	Ladderman	2909 E. Baltimore st	China Packer.
Joseph M. Diggs	36	May 30, 1896	Ladderman	317 S. Collington ave	Iron Moulder.
George E. Wellslager.	33	Dec. 15, 1897	Ladderman	214 N. Patterson Park ave	Shearcutter.
Frederick N. Duke	38	June 17, 1899	Ladderman	12 N. Milton ave.	Copper Smelter.
Charles Sommers	36	April 2, 1902	Ladderman	505 S. Ann st	Railroading.
Peter J. McMahon	31	Nov. 27, 1900	Ladderman	2105 E. Lombard st	Laborer.
Robert J. Thompson	26	Oct. 1, 1902	Ladderman	110 S. Ann st	Electric Worker.

No. 4 HOOK AND LADDER COMPANY.—Located on Biddle Street, near Druid Hill Avenue.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Andrew J. Bilson	53	July 2, 1896	Captain	629 N. Carey st	Plasterer.
Frederick W. Johnston.	35	May 1, 1894	Lieutenant.	2123 W. Lexington st	Carpenter.
George E. Gill	45	May 6, 1891	Tillerman	1317 Argyle ave	Painter.
Milton R. Quigley	38	Nov. 30, 1897	Asst. Tillerman	1305 Pennsylvania ave	Plumber.
Andrew J. Connelly	48	April 1, 1882	Hostler	1325 W. Lafayette ave	Driver.
Lawrence Blake	56	April 1, 1871	Ladderman	1543 Aisquith st	Painter.
James H. Wentz	28	Sept. 1, 1898	Ladderman	711 McHenry st	Stonecutter.
George W. Reinhardt	29	Feb. 20, 1898	Ladderman	113 W. Twenty-third st	Salesman.
John G. Geiger	32	Oct. 1, 1903	Ladderman	1221 Wall st	Driver.
George W. Michael	23	Aug. 6, 1903	Ladderman	132 Pearl st	Driver.
Edward B. Beach	25	Jan. 21, 1904	Ladderman	1301 N. Eden st	Upholsterer.
Robert E. O'Keefe	32	June 15, 1902	Ladderman	538 Laurens st	Motorman.
Hugh J. Lavery	22	May 4, 1904	Probationer	934 E. Eager st	Horseshoer.

No. 5 HOOK AND LADDER COMPANY.—Located at North Avenue and Bond Street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
John L. Emerson	36	Jan. 18, 1892	Captain	1820 Lafayette avenue	Painter.
John F. Maguire	36	Feb. 7, 1893	Lieutenant	1813 E. North avenue	Shipping Clerk.
Louis Herman	34	Oct. 1, 1897	Tillerman	1525 N. Spring street	Machine Hand.
Howard Travers	29	April 29, 1897	Asst. Tillerman	1233 E. Madison street	Laborer.
William Quinn	55	April 1, 1887	Hostler	1034 N. Eden street	Driver.
John Sullivan	41	Dec. 8, 1890	Ladderman	1415 Harford avenue	Painter.
Robert E. L. Johns	41	Feb 7, 1898	Ladderman	1613 E. Lanvale street	Carpenter.
William Wiley	62	April 1, 1887	Ladderman	1308 Harford avenue	Cigarmaker.
John I. Buck	35	Dec. 12, 1896	Ladderman	1423 E. Hoffman street	Bricklayer.
Andrew L. Fredericks	26	April 3, 1902	Ladderman	1724 Harford avenue	Clerk.
William L. Hedges	40	Feb. 1, 1902	Ladderman	1709 N. Regester street	Painter.
William H. Darney	33	Feb. 18, 1898	Ladderman	3 Mine Bank lane	Carpenter.

No. 6 HOOK AND LADDER COMPANY.—Located at Hanover and Ostend Streets.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Paul Linde	37	Feb. 24, 1891	Captain	617 Hanover street	Canmaker.
Charles Donahue	26	Nov. 23, 1900	Lieutenant	1427 Eastern avenue	Clerk.
Amos Bramble	35	Mch. 1, 1895	Tillerman	717 W. Fayette street	Driver.
Henry Marks	33	Oct. 25, 1898	Asst. Tillerman	1216 Patapsco street	Laborer.
Louis Matthaei	41	Nov. 12, 1891	Hostler	1405 Patapsco street	Driver.
William Leonard	51	Feb. 23, 1893	Ladderman	1234 S. Eutaw street	Carpenter.
James Nash	38	April 29, 1899	Ladderman	313 E. Fort avenue	Iron Moulder.
Louis Schleicher	28	Sept. 6, 1899	Ladderman	1426 Patapsco street	Enameler.
William Hartwig	37	Nov. 27, 1900	Ladderman	1019 S. Charles street	Tinner.
Charles Fay	46	Feb. 24, 1893	Ladderman	21 E. Ostend street	Carpenter.
Jacob Kirkwood	28	Aug. 4, 1903	Ladderman	128 E. Cross street	Huckster.
Wesley McClean	28	July 1, 1903	Ladderman	142 W. Cross street	Cabinetmaker.

No. 7 HOOK AND LADDER COMPANY.—Located at Waverly.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
William H. Taylor	64	June 1, 1888	Captain	3108 York Road	Conveyancer.
J. F. Raymond	30	Dec. 28, 1899	Hostler	414 Girard ave	Lineman.
A. J. McCormick	45	May 19, 1889	Ladderman	505 E. Thirtieth st	Car driver.
George N. Walker	37	Mar. 1, 1899	Ladderman	390 Waverly ave	Plumber.
J. L. Thomas	36	June 1, 1892	Ladderman	507 E. Thirtieth st	Blacksmith.
Wm. L. Beauchamp	27	Sept. 16, 1904	Probationer	219 E. Thirtieth st	Conductor.

No. 8 HOOK AND LADDER COMPANY.—Located on Brunswick Street, near Frederick Avenue.

Name.	Age.	Date Of Appointment.	Position.	Residence.	Former Occupation.
Charles L. Steinwedel	36	Mch. 9, 1897	Captain	30 Caton avenue	Laborer.
John A. Epp	42	Feb. 15, 1893	Hostler	434 Frederick avenue	Cabinet-Maker.
Antone Yienger	40	July 23, 1889	Ladderman	1 Brunswick street	Candy-Maker.
Walter F. Musgrove	33	April 8, 1897	Ladderman	Wesley Annex	Iron Moulder.
Frank P. Kerr	23	Sept. 19, 1903	Ladderman	2030 Frederick avenue	Butcher.
Michael J Kennedy	23	Sept. 16, 1904	Probationer	1024 Lexington street	Driver.

No. 9 HOOK AND LADDER COMPANY.—Located at Roland Avenue and Oliver Place.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Joseph J. Presley	38	Feb. 15, 1893	Captain	2502 Druid Hill avenue	Car driver.
Thomas C. Eline	34	Oct. 1, 1902	Hostler	1127 Wilcox street	Driver.
Matthew Carroll	46	April 8, 1896	Ladderman	558 Falls road	Laborer.
Frank C. H. Berger	48	April 3, 1886	Ladderman	853 Blucher avenue	Silversmith.
Ernest C. Le Compte	25	Nov. 19, 1903	Ladderman	303 E. Biddle street	Conductor.

No. 10 HOOK AND LADDER COMPANY.—Located on Lafayette avenue, near Stricker street.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
George F. Kennard	38	Sept. 1, 1891	Captain	1810 Ninth st	Clerk.
Henry C. Kabernagel	45	April 15, 1896	Lieutenant	1418 W. Lanvale st.	Rigger.
James B. Kelley	47	April 1, 1887	Tillerman	1014 N. Carey st	Driver.
Frederick Grauling	39	Dec. 26, 1893	Asst. Tillerman	2031 Canton ave	Oil refiner.
Francis H. Carr	29	Dec. 8, 1897	Hostler	19 S. Pulaski st	Steamfitter.
William T. Hughes	37	Feb. 4, 1898	Ladderman	1508 N. Mount st	Stonecutter.
August I. Walker	39	Oct. 8, 1898	Ladderman	933 Stricker st	Plumber.
William S. Fort	34	Feb. 8, 1898	Ladderman	1923 Harlem ave	Painter.
Gustavus C. Raabe	45	Sept. 6, 1899	Ladderman	1223 N. Gilmor st	Driver.
James McGee	46	Sept. 27, 1897	Ladderman	221 N. Schroeder st	Driver.
James S. Welch	31	Jan. 23, 1901	Ladderman	810 N. Stricker st	Clerk.
Louis N. Streb	36	Aug. 5, 1903	Ladderman	1629 Westwood ave	Stonecutter.

No. 11 HOOK AND LADDER COMPANY.—Located at McMechen Street and North Avenue.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
Thomas J. Strahler	45	Dec. 18, 1881	Captain	1320 Ensor st	Tinner.
Edward W. Steinacker	44	June 1, 1888	Lieutenant	7 Brunswick st	Hostler.
Frank A. Hanssen	36	Dec. 12, 1892	Tillerman	2151 Jefferson place	Blacksmith.
George E. Fornwalt	35	Jan. 17, 1897	Asst. Tillerman	757 W. Fayette st	Fireman.
John L. Durham	41	May 5, 1889	Hostler	207 Millington ave	Plumber.
Clarence Kirby	44	Dec. 12, 1896	Ladderman	1507 E. Preston st	Carpenter.
Geo. T. Evans, Jr.	27	July 27, 1898	Ladderman	2305 N. Charles st	Upholsterer.
Charles L. Wain	36	Dec. 9, 1897	Ladderman	2125 Madison ave	Driver.
Henry Heinze	38	Aug. 1, 1898	Ladderman	1840 Harford ave.	Shipping Clerk.
Wm. J. McDonald	37	Mar. 1, 1895	Ladderman	916 Patterson Park ave	Tinner.
George W. McFadden	36	May 10, 1892	Ladderman	3222 Cedar ave	Carpenter.
Nicholas H. Hartshorn	24	Feb. 1, 1902	Ladderman	1926 Garrett ave	Mariner.
John G. Rahe	28	May 3, 1904	Probationer	2 Fair Oak ave	Clerk.

No. 12 HOOK AND LADDER COMPANY.—Located, temporarily, Forest Park facing Liberty Road.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
James K. Merriken	42	Aug. 1, 1888	Captain	2029 N. Fulton ave	Driver.
Paul F. Lawrence	28	July 16, 1901	Hostler	1537 Newington Place	Conductor.
Christian Freyer	45	May 1, 1893	Ladderman	1914 Pulaski st	Blacksmith.
John M. Gilleland	37	April 3, 1895	Ladderman	919 Appleton st	Driver.
Charles M. Johannes	38	Jan. 25, 1895	Ladderman	3013 Northwest st	Stonecutter.
Hugh P. Fox	45	July 8, 1892	Ladderman	1904 Seventh st	Blacksmith.

No. 1 CHEMICAL ENGINE COMPANY.—Located on Gorsuch Avenue, near Harford Road.

Name.	Age.	Date Of Appointment.	Position.	Residence.	Former Occupation.
Robert H. Dougherty	47	Jan. 12, 1889	Captain	1258 E. North avenue	Undertaker.
Ambrose Spangler	39	Nov. 26, 1895	Hostler	47 Gorsuch avenue	Driver.
Martin Kirby	60	April 3, 1883	Pipeman	934 Aisquith street	Trunkmaker.

ALPHABETICAL ROSTER

1904

ALPHABETICAL ROSTER.

A

Name.	Assignment.	Position.	Date of Appointment.
Airey, Charles	8 Engine Company	Pipeman	November 1, 1884.
Albert, Andrew A	11 Engine Company	Pipeman	April 6, 1895.
Amend, John	9 Engine Company	Pipeman	October 17, 1892.
Anderson, J. W	Telegraph Department	Lineman	April 1, 1896
Appleby, I. D	15 Engine Company	Pipeman	December 12, 1896.
Askew, John W	15 Engine Company	Probationer	July 21, 1904.
Atkinson, Thomas S	2 Engine Company	Engineman	August 5, 1881.
Awalt, William F	5 Engine Company	Engineman	April 1, 1890.

B

Battersley, George G	3 Engine Company	Assistant Engineman	September 1, 1903.
Beach, Edward B	4 Hook and Ladder Company	Ladderman	January 21, 1904.
Beauchamp, William L	25 Engine Company	Pipeman	September 16, 1904.
Beck, Frederick G	13 Engine Company	Pipeman	February 1, 1889.
Bell, John	21 Engine Company	Pipeman	September 15, 1897.
Bell, Louis R	2 Hook and Ladder Company	Ladderman	June 30, 1903.
Bell, William H	2 Engine Company	Pipeman	May 22, 1894.
Bentz, George W	19 Engine Company	Pipeman	April 1, 1868.

Berger, Frank C. H	9 Hook and Ladder Company	Ladderman	April 3, 1886.
Berger, Harry J	25 Engine Company	Pipeman	June 30, 1903.
Betz, Charles	6 Engine Company	Captain	September 4, 1885.
Beynon, William D	22 Engine Company	Pipeman	October 1, 1902.
Bilson, Andrew J	4 Hook and Ladder Company	Captain	July 2, 1896.
Birthistle, Patrick H	11 Engine Company	Hostler	February 14, 1893.
Blake, Lawrence	4 Hook and Ladder Company	Ladderman	April 1, 1871.
Blatchley, Robert H	18 Engine Company	Pipeman	February 14, 1893.
Bletzer, John N	19 Engine Company	Engineman	January 26, 1889.
Boerner, Henry F	1 Engine Company	Pipeman	March 1, 1895.
Bolgiano, William R	25 Engine Company	Captain	April 28, 1898.
Bortell, John B	7 Engine Company	Captain	September 7, 1888.
Bowman, Clarence L	25 Engine Company	Pipeman	June 30, 1903.
Bradley, J. Walter	2 Hook and Ladder Company	Ladderman	January 3, 1903.
Bramble, Amos G	6 Hook and Ladder Company	Tillerman	March 1, 1895
Branan, Frederick	11 Hook and Ladder Company	Third District Engineer	April 1, 1879.
Brocklander, Conrad	9 Engine Company,	Probationer	August 16, 1904.
Brown, Thomas S	18 Engine Company	Engineman	August 1, 1886.
Buck, John I	5 Hook and Ladder Company.	Ladderman	December 12, 1897.
Buehler, Louis	23 Engine Company	Lieutenant	January 7, 1897.
Burger, Joseph G	20 Engine Company	Pipeman	March 30, 1897.
Burke, William P	16 Engine Company	Pipeman	March 1, 1895.
Burkhardt, Levin H	15 Engine Company	Fifth District Engineer	November 3, 1890.
Bussard, William E	15 Engine Company	Pipeman	May 24, 1904.

C

Name.	Assignment.	Position.	Date of Appointment.
Cahill, John J.	4 Engine Company	Engineman	February 15, 1893.
Calder, John	11 Engine Company	Engineman	October 8, 1870.
Campbell James A	11 Engine Company	First District Engineer.	January 16, 1894.
Carle, Henry J	4 Engine Company	Captain	March 1, 1895.
Carlos, William L	15 Engine Company	Pipeman	March 6, 1903.
Carr, Frank H.	10 Hook and Ladder Company	Hostler	December 15, 1898.
Carr, John J.	4 Engine Company	Assistant Engineman	July 30, 1903
Carroll, Matthew	9 Hook and Ladder Company	Ladderman	April 8, 1896.
Catterton, James	17 Engine Company	Pipeman	October 23, 1886.
Causey, Randolph R.	21 Engine Company	Pipeman	January 25, 1904.
Chapman, George R	2 Hook and Ladder Company	Ladderman	January 9, 1903.
Chester, William H.	7 Engine Company	Pipeman	July 21, 1899.
Clancy, John J.	7 Engine Company	Lieutenant	October 1, 1897.
Clark, James A	4 Engine Company	Lieutenant	August 25, 1891.
Clark, James E	7 Engine Company	Pipeman	September 1, 1904
Clarken, J. L	21 Engine Company	Pipeman	August 1, 1888.
Cook, John W.	20 Engine Company	Captain	May 7, 1893.
Connolly, Andrew J	4 Hook and Ladder Company	Hostler	April 1, 1882.
Corns, Jacob S	19 Engine Company	Assistant Engineman	March 1, 1895.
Cosgrove, Stephen	23 Engine Company	Pipeman	October 5, 1898.
Couzens, Wm. S	19 Engine Company	Pipeman	February 4, 1898.
Crabster, Courtney	21 Engine Company	Pipeman	September 8, 1899.
Cranford, John I	7 Engine Company	Engineman	February 15, 1893.
Crass, Charles P.	9 Engine Company	Pipeman	July 15, 1901.
Creamer, Robert T	3 Hook and Ladder Company	Assistant Tillerman	March 9, 1897.

Crispens, Jacob	23 Engine Company	Assistant Engineman	March 11, 1903.
Croucher, George E	22 Engine Company	Captain	March 1, 1888.
Cuddy, William H	19 Engine Company	Pipeman	June 29, 1888.
Curry, John F	22 Engine Company	Pipeman	July 15, 1894.

D

Daly, Joseph F	16 Engine Company	Stoker	May 17, 1899.
Daly, Joseph H	1 Hook and Ladder Company	Ladderman	January 15, 1881.
Danaher, Joseph F.	3 Engine Company	Probationer	December 8, 1904.
Darney, William H	5 Hook and Ladder Company	Ladderman	February 18, 1898.
Davis, William	7 Engine Company	Pipeman	August 5, 1903.
Deal, John H	20 Engine Company	Engineman	February 1, 1872.
Dean, Michael J	Telegraph Department	Telegraph Operator	May 15, 1902.
Denny, Allen G	2 Engine Company	Pipeman	June 30, 1903.
De Puey, James A	8 Engine Company	Pipeman	October 1, 1897
Diggs, Joseph M	3 Hook and Ladder Company	Ladderman	May 30, 1896
Dittman, John N	25 Engine Company	Pipeman	September 18, 1903.
Dixon, Howard A	3 Engine Company	Lieutenant	July 1, 1899.
Doerer, Frank	15 Engine Company	Pipeman	March 5, 1895.
Donahoo, Harry A	1 Hook and Ladder Company	Assistant Tillerman	May 29, 1896.
Donahue, Charles E.	6 Hook and Ladder Company	Lieutenant	November 23, 1900.
Dorsey, Louis F	13 Engine Company	Pipeman	September 5, 1901.
Dotter, Henry C	5 Engine Company	Captain	May 30, 1896.
Dougherty, Robert H	1 Chemical Company	Captain	January 12, 1889.
Dove, Joseph A	15 Engine Company	Pipeman	October 1, 1902.
Downs, James C	4 Engine Company	Pipeman	June 30, 1903.
Downs, John N	24 Engine Company	Pipeman	January 1, 1871.
Downs, Robert S	1 Hook and Ladder Company	Probationer	December 8, 1904.
Drury, Oliver K	22 Engine Company	Hostler	May 18, 1901.
Duke, F. N	3 Hook and Ladder Company	Ladderman	June 16, 1899.
Dunn, James T	1 Engine Company	Captain	April 1, 1890.
Durham, John L	11 Hook and Ladder Company	Host er	May 5, 1889.

E

Name.	Assignment.	Position.	Date of Appointment.
Eagan, James P	2 Engine Company	Pipeman	January 17, 1904.
Eckert, William	8 Engine Company	Pipeman	April 15, 1887.
Eckhardt, John W	13 Engine Company	Engineman	August 5, 1890.
Edwards, Charles A	3 Engine Company	Pipeman	June 1, 1898.
Eigenbrodt, John	14 Engine Company	Lieutenant	January 12, 1891.
Eline, Thomas C	9 Hook and Ladder Company	Ladderman	October 1, 1902
Elliott, Cooper	1 Hook and Ladder Company	Hostler	October 4, 1887.
Ellis, Guy S	15 Engine Company	Pipeman	July 1, 1898.
Emerson, John L	5 Hook and Ladder Company	Captain	January 18, 1892.
Emrich, August	6 Engine Company	Second Dist. Engineer	June 13, 1884.
Epp, John A	8 Hook and Ladder Company	Ladderman	February 15, 1893.
Eslinger, John J	6 Engine Company	Pipeman	March 24, 1903.
Evans, George T., Jr	11 Hook and Ladder Company	Ladderman	July 27, 1898.

F

Farley, M. J	19 Engine Company	Hostler	April 26, 1889,
Farrell, Thomas M	4 Engine Company	Pipeman	October 14, 1902.
Fay, Charles F	6 Hook and Ladder Company	Ladderman	February 14, 1893.
Feeney, William F	1 Engine Company	Pipeman	July 15, 1901.
Figgs, Charles W	22 Engine Company	Engineman	August 10, 1901.
Filling, Walter	8 Engine Company	Pipeman	October 5, 1898.

Fitzburger, Christian	3 Hook and Ladder Company	Ladderman	March 1, 1895.
Fitzgerald, Harry C	12 Engine Company	Assistant Engineman	March 25, 1904.
Fitzgerald, James	21 Engine Company	Pipeman	October 5, 1904.
Flaherty, Thomas	11 Engine Company	Lieutenant	January 29, 1892.
Flynn, John P	15 Engine Company	Pipeman	June 7, 1901.
Foard, John M	5 Engine Company	Assistant Engineman	December 15 1897.
Foote, Zachariah H	12 Engine Company	Lieutenant	February 26, 1892.
Ford, George A	4 Engine Company	Pipeman	May 9, 1896.
Ford, James M	17 Engine Company	Pipeman	May 1, 1903.
Fornwalt, George E.	11 Hook and Ladder Company	Assistant Tillerman	January 17, 1897.
Forsyth, R. T	12 Engine Company	Pipeman	February 24, 1899.
Fort, William S.	10 Hook and Ladder Company	Ladderman	February 7, 1898.
Fox, Hugh P	12 Hook and Ladder Company	Ladderman	July 8, 1892.
Foxwell, George W	3 Hook and Ladder Company	Captain	January 1, 1871.
Fraser, Charles A	13 Engine Company	Assistant Engineman	March 28, 1898.
Frederick, A. L	5 Hook and Ladder Company	Ladderman	April 2, 1902.
Freeberger, Charles E	8 Engine Company	Engineman	June 1, 1875.
Freize, Frank L	Telegraph Department	Telephone Operator	March 5, 1903.
Fresch, Louis J	1 Engine Company	Hostler	December 16, 1872
Freyer, Christian	12 Hook and Ladder Company	Ladderman	May 1, 1893.
Fumbaugh, Herman	3 Engine Company	Pipeman	April 1, 1888.
Fureschi, Henry	5 Engine Company	Pipeman	January 20, 1903.

G

Gaffney, John	14 Engine Company	Engineman	April 1, 1880.
Geiger, John G	4 Hook and Ladder Company	Ladderman	September 30, 1903.
German, A. W., Sr.	16 Engine Company	Captain	June 1, 1872.
German, Andrew W., Jr.	5 Engine Company	Pipeman	October 1, 1902.
Gesswein, Augustus	2 Hook and Ladder Company	Ladderman	March 4, 1904.
Gettrust, W. F	Telegraph Department	Operator	September 8, 1897.

Name.	Assignment.	Position.	Date of Appointment.
Gier, Albert H	11 Engine Company	Pipeman	April 1, 1879.
Gilbert, Ross D	25 Engine Company	Pipeman	June 30, 1903.
Gill, George E	4 Hook and Ladder Company	Tillerman	May 6, 1891.
Glass, Thomas W	Telegraph Department	Lineman	May 15, 1893.
Goodwill, John M	1 Engine Company	Probationer	November 17, 1904.
Gordon, John T	9 Engine Company	Pipeman	August 10, 1895.
Grasmick, John	3 Engine Company	Pipeman	December 24, 1896.
Gray, Frank B	7 Engine Company	Pipeman	December 2, 1903.
Griffin, Charles P	12 Engine Company	Pipeman	December 15, 1896.
Griffiss, Young D	16 Engine Company	Pilot	June 30, 1903.
Griffith, Asa	15 Engine Company	Probationer	November 17, 1904.
Grimes, Harry C	13 Engine Company	Pipeman	June 4, 1897.
Groth, Theodore G	12 Engine Company	Pipeman	January 31, 1902.
Grouling, Frederick	10 Hook and Ladder Company	Assistant Tillerman	December 26, 1892.
Guidice, Jacob	15 Engine Company	Probationer	October 10, 1904.
Guthrie, Bankard B	4 Engine Company	Pipeman	June 22, 1900

H

Halloran, Bartley	19 Engine Company	Pipeman	November 30, 1900.
Hamilton, Charles H	12 Engine Company	Pipeman	March 13, 1903.
Hamilton, George J.	4 Engine Company	Hostler	December 15, 1897
Hanauer, George	2 Hook and Ladder Company	Assistant Tillerman	December 15, 1897.
Hansson, Frank A	11 Hook and Ladder Company	Tillerman	December 13, 1892.

Hardy, William H	20 Engine Company	Pipeman	March 1, 1895.
Harman, Fred W	6 Engine Company	Pipeman	August 31, 1892.
Harp, Edward E	21 Engine Company	Pipeman	October 1, 1897.
Harrer, Louis	16 Engine Company	Lieutenant	December 19, 1892.
Harris, Charles M	24 Engine Company	Pipeman	April 8, 1903.
Harrison, Arthur G	3 Engine Company	Pipeman	June 3, 1897.
Harrison, Charles H	16 Engine Company	Assistant Engineman	June 30, 1903.
Hartshorn, N. S.	11 Hook and Ladder Company	Ladderman	January 31, 1902.
Hartwig, William	6 Hook and Ladder Company	Ladderman	November 30, 1900.
Haskell, George W	1 Hook and Ladder Company	Tillerman	May 22, 1876.
Haskell, Joseph E	5 Engine Company	Pipeman	June 30, 1903.
Hastler, William	3 Hook and Ladder Company	Hostler	March 31, 1893.
Hederick, Jackson J	21 Engine Company	Engineman	December 23, 1896.
Hedges, William L	5 Hook and Ladder Company	Ladderman	January 31, 1902.
Hedley, Clifton	13 Engine Company	Pipeman	April 8, 1897.
Heilker, Joseph V	15 Engine Company	Assistant Engineman	August 5, 1903.
Heinbuck, Charles H	15 Engine Company	Pipeman	June 7, 1901.
Heiner, Frank	2 Hook and Ladder Company	Ladderman	April 2, 1902.
Heinze, Henry	11 Hook and Ladder Company	Ladderman	August 1, 1898.
Heise, Emil	2 Hook and Ladder Company	Captain	March 1, 1890.
Heitzman Guy E	20 Engine Company	Pipeman	January 31, 1902.
Herman, Louis	5 Hook and Ladder Company	Tillerman	October 1 1897.
Herr, John R	15 Engine Company	Lieutenant	November 20, 1895.
Hesse Charles	6 Engine Company	Pipeman	November 5, 1897.
Heusman, Francis	2 Engine Company	Lieutenant	March 19, 1898.
Higgins, Robert R	24 Engine Company	Assistant Engineman	May 12, 1899.
Hill, Walter E	Headquarters	Clerk	May 1, 1896.
Hill, Mark	15 Engine Company	Hostler	April 1, 1890.
Hines, Frank	2 Engine Company	Hostler	April 30, 1890.
Hobson, Richard H	20 Engine Company	Hostler	August 2, 1896.
Hoey, James H	16 Engine Company	Stoker	July 15, 1891.
Hoffman, John	21 Engine Company	Captain	April 1, 1879.
Horton, George W.	Headquarters	Chief Engineer	March 15, 1862.

Name.	Assignment.	Position.	Date of Appointment.
Hubbard, William T	5 Engine Company	Engineman	December 7, 1893.
Hughes, William T	10 Hook and Ladder Company	Ladderman	February 4, 1898.
Hummel, William A	23 Engine Company	Pipeman	November 23, 1900.

J

Jessop, Leonard	14 Engine Company	Pipeman	June 30, 1902.
Johannes, Charles M	12 Hook and Ladder Company	Ladderman	April 25, 1895.
Johns, R. E. L	5 Hook and Ladder Company	Ladderman	February 7, 1898.
Johns, William I	20 Engine Company	Lieutenant	August 3, 1888.
Johnston, Fred. W	4 Hook and Ladder Company	Lieutenant	May 1, 1894.
Jones, Wade H	13 Engine Company	Pipeman	November 23, 1900.
Joyce, John F	3 Engine Company	Pipeman	August 5, 1903.

K

Kabernagel, Henry C	10 Hook and Ladder Company	Lieutenant	April 13, 1896.
Kadan, Emil	9 Engine Company	Pipeman	June 30, 1903.
Kahl, John	15 Engine Company	Captain	February 1, 1894.
Kain, Robert	Telegraph Department	Lineman	
Kaufman, Fred	6 Engine Company	Pipeman	September 7, 1895.

Keilholtz, Justice G	10 Engine Company	Pipeman	December 1, 1874.
Kelly, James B	10 Hook and Ladder Company	Tillerman	April 1, 1887.
Kennard, George F	10 Hook and Ladder Company	Captain	September 5, 1891.
Kennedy, Michael I	8 Hook and Ladder Company	Probationer	September 16, 1904.
Kerr, Frank P	8 Hook and Ladder Company	Ladderman	September 18, 1903.
Kerr, John M	Telegraph Department	Telephone Operator	June 1, 1902.
Kerr, Thomas	10 Engine Company	Pipeman	August 31, 1889.
Kimball, William	15 Engine Company	Pipeman	March 1, 1895.
Kirby, Clarence	11 Hook and Ladder Company	Ladderman	February 12, 1896.
Kirby, Martin	1 Chemical Company	Pipeman	February 1, 1883.
Kirkwood, Jacob Jr	6 Hook and Ladder Company	Ladderman	August 5, 1903.
Kirwan, William H	3 Engine Company	Pipeman	June 22, 1900.
Klessel, Edward C	17 Engine Company	Lieutenant	February 11, 1882.
Knight, William C. D	24 Engine Company	Captain	July 10, 1894.
Koontz, William E	14 Engine Company	Assistant Engineman	July 15, 1901.
Kraft, Casper	17 Engine Company	Hostler	December 9, 1892.
Kraft, Frank A	17 Engine Company	Pipeman	July 7, 1894.
Kram, Michael J	24 Engine Company	Pipeman	December 28, 1898.
Krausz, George L	12 Engine Company	Hostler	December 15, 1897.
Kreager, Edward	22 Engine Company	Pipeman	February 20, 1899.
Kuhan, C. P., Jr	1 Engine Company	Assistant Engineman	July 15, 1901.

L

Lacy, James J	1 Engine Company	Pipeman	February 21, 1903.
Lamb, William	25 Engine Company	Lieutenant	August 7, 1894.
Lavender, Frank J	15 Engine Company	Lieutenant	July 9, 1895.
Lavender, Joseph	14 Engine Company	Hostler	March 17, 1876.
Lavery, Hugh J	4 Hook and Ladder Company	Probationer	May 4, 1904.
Lawrence, Paul F	12 Hook and Ladder Company	Hostler	July 15, 1901.

Name.	Assignment.	Position.	Date of Appointment.
Le Compte, Ernest C	9 Hook and Ladder Company.	Ladderman	November 19, 1903.
Leidtke, Otto	22 Engine Company	Pipeman	October 21, 1898.
Lenz, George A	13 Engine Company	Pipeman	August 5, 1903.
Leonard, William	6 Hook and Ladder Company.	Ladderman	February 23, 1894.
Leser, John	25 Engine Company	Assistant Engineman	November 23, 1900.
Liebig, John A	11 Engine Company	Assistant Engineman	June 30, 1903.
Liedlich, John H.	24 Engine Company	Pipeman	August 5, 1903.
Lind, Michael A	11 Engine Company	Captain	July 13, 1887.
Linde, Paul	6 Hook and Ladder Company.	Captain	February 24, 1891.
Lindeman, John	24 Engine Company	Engineman	April 7, 1889.
Litchfield, Charles A	8 Engine Company	Assistant Engineman	December 15, 1897.
Lloyd, George C	10 Engine Company	Assistant Engineman	February 29, 1892.
Lloyd, Frisby	9 Engine Company	Hostler	December 11, 1896.
Lohman, Louis	19 Engine Company	Pipeman	March 6, 1895.
Lohnes, John	7 Engine Company	Assistant Engineman	December 31, 1902.
Lucas, F. H	13 Engine Company	Fourth Dis. Engineer	April 1, 1881.
Luckhardt, John C	15 Engine Company	Pipeman	February 21, 1900.
Lutz, Martin	22 Engine Company	Pipeman	November 30, 1900.
Lynch, Peter J	22 Engine Company	Pipeman	January 25, 1904.
Lyons, James P	1 Hook and Ladder Company.	Ladderman	March 1, 1895.

M

McCarron, James	2 Hook and Ladder Company.	Lieutenant	March 1, 1895.
McClean, Wesley S	6 Hook and Ladder Company	Ladderman	June 30, 1903.
McCormick, Andrew J	7 Hook and Ladder Company.	Ladderman	May 19, 1889.
McCullough, Edward R	9 Engine Company	Assistant Engineman	May 29, 1896.

McCully, John F	15 Engine Company	Assistant Engineman	Juue 7, 1901.
McDonald, William J	11 Hook and Ladder Company	Ladderman	March 1, 1895.
McDonnell, James E	14 Engine Company	Pipeman	June 15, 1902.
McElroy, Bernard E	4 Engine Company	Probationer	July 25, 1904.
McFadden, George U	11 Hook and Ladder Company	Ladderman	May 10, 1892.
McGee, James	10 Hook and Ladder Company.	Ladderman	September 27, 1897.
McGonigle, Peter	12 Engine Company	Pipeman	January 14, 1890.
McHale, Anthony J	10 Engine Company	Probationer	January 5, 1905.
McKenna, Joseph P	12 Engine Company	Pipeman	December 5, 1895.
McKnew, Edgar B	10 Engine Company	Pipeman	May 19, 1899.
McMahon, Peter J	3 Hook and Ladder Company	Ladderman	November 30, 1900.
McNeil, George E	1 Hook and Ladder Company.	Lieutenant	July 28, 1897.
Mackenzie John F	13 Engine Company	Hostler	February 8, 1889.
Maguire, John F	5 Hook and Ladder Company.	Lieutenant	February 7, 1893.
Mannar, William	7 Engine Company	Pipeman	October 1, 1902.
Marcks, Daniel E	25 Engine Company	Pipeman	January 31, 1902.
Marker Samuel W	20 Engine Company	Pipeman	April 15, 1880.
Marks, Henry	6 Hook and Ladder Company.	Assistant Tillerman	October 5, 1898.
Martin, H. C	Telegraph Department	Operator	June 1, 1896,
Mattes, Herman	11 Engine Company	Pipeman	July 15, 1901.
Matthaei, Louis	6 Hook and Ladder Company.	Hostler	November 12, 1901.
Meagher, William F	15 Engine Company	Probationer	November 17, 1904.
Medlar, John E	13 Engine Company	Probationer	March 3, 1904.
Meil, Henry	6 Engine Company	Pipeman	December 15, 1896.
Merriken, James K	12 Hook and Ladder Company.	Captain	August 1, 1888.
Meushaw, Thomas H	Headquarters	Supt. Machinery	May 15, 1885.
Michael, George W	4 Hook aud Ladder Company.	Ladderman	August 5, 1903.
Michael, Joseph L	16 Engine Company	Probationer	May 12, 1904.
Miles, George C	4 Engine Company	Pipeman	March 19, 1903.
Miller, Gustave	6 Engine Company	Pipeman	March 1, 1895.
Miller, Henry	2 Engine Company	Pipeman	November 23, 1900.
Miller, Henry C	19 Engine Company	Pipeman	March 10, 1904.
Miller, John R	12 Engine Company	Captain	March 1, 1895.

ALPHABETICAL ROSTER—Continued.

Name.	Assignment.	Position.	Date of Appointment.
Miller, Joshua H	11 Engine Company	Pipeman	November 10, 1885.
Moeller, John	17 Engine Company	Pipeman	October 13, 1893.
Montgomery, Milton	1 Engine Company	Pipeman	November 23, 1900.
Montgomery, Thomas	2 Hook and Ladder Company	Hostler	April 1, 1870.
Moon, Iverson J	16 Engine Company	Pilot	October 15, 1897.
Moon, Joseph W.	12 Engine Company	Hostler	August 11, 1877.
Moore, E. J. B.	18 Engine Company	Assistant Engineman	May 1, 1895.
Morgan, John H.	18 Engine Company	Captain	November 29, 1872.
Moritz, Robert J.	11 Engine Company	Probationer	May 4, 1904.
Morrow, William F.	21 Engine Company	Lieutenant	April 1, 1876.
Morrow, William McK.	19 Engine Company	Pipeman	May 14, 1895.
Mulligan, Matthew	6 Engine Company	Engineman	October 8, 1870.
Murphy, Thomas F.	14 Engine Company	Pipeman	June 15, 1902.
Musgrove, William S.	8 Hook and Ladder Company	Ladderman	April 8, 1897.

N

Nash, James A.	6 Hook and Ladder Company	Ladderman	April 29, 1898.
Nash, William H	7 Engine Company	Probationer	February 27, 1904.
Nehren, Frank R.	23 Engine Company	Engineman	June 6, 1890.
Neimann, Henry G.	22 Engine Company	Assistant Engineman	May 31, 1903.
Nelson, Fred L.	16 Engine Company	Engineman	December 1, 1874.
Nelson, Peter	3 Hook and Ladder Company	Lieutenant	January 3, 1890.
Neubert, Charles A	17 Engine Company	Pipeman	October 1, 1902.
Neubert, Joseph P.	17 Engine Company	Pipeman	March 1, 1895.
Newall, William T.	18 Engine Company	Pipeman	June 7, 1901.
Nickum, Alonzo	5 Engine Company	Pipeman	February 23, 1900.
Nolan, James	8 Engine Company	Lieutenant	May 20, 1893.

O

O'Brien, Giles J	10 Engine Company	Pipeman	August 1, 1902.
O'Byrne, Thomas M.	15 Engine Company	Probationer	December 23, 1904.
O'Keefe, Robert E	4 Hook and Ladder Company	Ladderman	June 15, 1902.
O'Sullivan, Daniel V	23 Engine Company	Pipeman	November 19, 1903.
Orem, C. A	20 Engine Company	Pipeman	September 2, 1880.
Otter, George D.	23 Engine Company	Pipeman	October 1, 1902.
Otto, William	25 Engine Company	Pipeman	August 5, 1903.
Owens, John T.	23 Engine Company	Captain	July 25, 1896.

P

Patterson, William P	21 Engine Company	Assistant Engineman	May 15, 1902.
Paul, John F	21 Engine Company	Pipeman	September 30, 1903.
Peocock, Philip	11 Engine Compauy	Pipeman	March 1, 1895.
Pearce, Wilbur	13 Engine Company	Lieutenant	October 5, 1883.
Perry, R. R.	1 Hook and Ladder Company	Captain	June 7, 1892.
Pettinger, Richard V	9 Engine Company	Pipeman	April 1, 1880.
Porcello, Anthony J.	5 Engine Company	Hostler	November 30, 1900.
Potter, Charles M	23 Engine Company	Pipeman	January 31, 1902.
Potts, John W	18 Engine Company	Hostler	June 1, 1888.
Prenger, John	17 Engine Company	Captain	April 15, 1890.
Presley, Joseph J	9 Hook and Ladder Company	Captain	February 14, 1893.
Price, Benjamin A	19 Engine Company	Captain	July 1, 1873.
Prince, Charles C	Te'egraph Department	Operator	

Q

Name.	Assignment.	Position.	Date of Appointment.
Quigley, Milton R.	4 Hook and Ladder Company.	Assistant Tillerman	November 21, 1897.
Quincy, W. H.	18 Engine Company.	Lieutenant	February 4, 1893.
Quinn, William	5 Hook and Ladder Company.	Hostler	April 1, 1887.

R

Raabe, Gustave C	10 Hook and Ladder Company.	Ladderman	September 6, 1899.
Redford, James	3 Engine Company.	Hostler	March 9, 1897.
Rahe, John G.	11 Hook and Ladder Company.	Probationer	May 4, 1904.
Raymond, J. F.	7 Hook and Ladder Company.	Hostler	January 2, 1900.
Ready, M. J	9 Engine Company.	Lieutenant	May 30, 1896.
Reilly, James F	3 Hood and Ladder Company.	Tillerman	November 13, 1874.
Reinhardt, George W.	4 Hook and Ladder Company.	Ladderman	February, 20, 1899.
Reynolds, James J.	18 Engine Company.	Pipeman	July 20, 1889.
Rice, Charles E.	1 Engine Company.	Lieutenant	April 15, 1893.
Rice, Harry W.	10 Engine Company.	Lieutenant	January 9, 1899.
Richter, William	18 Engine Company.	Pipeman	March 6, 1903.
Robb, James N.	24 Engine Company.	Lieutenant	May 26, 1898
Rogers, Daniel R	9 Engine Company.	Engineman	February 1, 1872.
Rosenthal, Charles	5 Engine Company.	Lieutenant	October 1, 1890.
Rudolph, L. T.	17 Engine Company.	Assistant Engineman	March 1, 1895,
Rupp, J. F	14 Engine Company.	Captain	June 29, 1888.

Sapp, Charles	20 Engine Company	Pipeman	February 14, 1893.
Sauerwein, Charles L	23 Engine Company	Pipeman	July 21, 1904.
Sbisa, William L	16 Engine Company	Assistant Engineman	July 28, 1896.
Schiminger, Harman	7 Engine Company	Hostler	April 1, 1890.
Schlag, John J	2 Engine Company	Pipeman	November 27, 1897.
Schleicker, L. E	6 Hook and Ladder Company	Ladderman	September 6, 1899.
Schlimm, August	3 Engine Company	Captain	April 1, 1890.
Schlimm, George L	1 Engine Company	Pipeman	April 1, 1888.
Schopplein, Anthony	5 Engine Company	Pipeman	June 24, 1891.
Schulte, Charles L	6 Engine Company	Hostler	November 10, 1892.
Schultz, William E	13 Engine Company	Pipeman	August 5, 1903.
Schultz, William G	2 Hook and Ladder Company	Tillerman	May 20, 1896.
Seabreeze, John T	16 Engine Company	Stoker	February 5, 1892.
Seabreeze, Z. T	1 Hook and Ladder Company	Ladderman	April 1, 1890.
Seibert, W. H	16 Engine Company	Pipeman	October 1, 1897.
Seipp, Benjamin F	12 Hook and Ladder Company	Ladderman	June 22, 1900.
Seippel, Henry R	5 Engine Company	Pipeman	December 1, 1874.
Sexton, Thomas F	25 Engine Company	Engineman	July 1, 1888.
Shanks, George D	2 Engine Company	Pipeman	December 13, 1896.
Shipley, George W	22 Engine Company	Lieutenant	November 30, 1889.
Shipley, E. Louis	6 Hook and Ladder Company	Sixth Dist. Engineer	July 1, 1891.
Short, Eugene	15 Engine Company	Pipeman	June 7, 1901.
Showacre, Harry C	15 Engine Company	Pipeman	June 15, 1902.
Shuter, William E	Telegraph Department	Operator	April 1, 1896.
Siebert, Constant	24 Engine Company	Pipeman	April 5, 1883.
Smith, Frank G	24 Engine Company	Pipeman	April 1, 1897.
Smith George W	10 Engine Company	Captain	May 12, 1890.
Smith, John M	1 Engine Company	Pipeman	August 5, 1903.
Smith, J. N	Telegraph Department	Chief Lineman	March 30, 1897.
Smith, S. E	Telegraph Department	Operator	March 18, 1899.

Name.	Assignment.	Position.	Date of Appointment.
Sommers, Charles	3 Hook and Ladder Company	Ladderman	April 2, 1902.
Spangler, Ambrose	1 Chemical Company	Hostler	November 26, 1895.
Spittle, Henry	23 Engine Company	Hostler	November 30, 1900.
Stagge, Henry	2 Engine Company	Captain	July 1, 1891.
Stanton, Edward F	11 Engine Company	Pipeman	August 5, 1903.
Stanton, John	1 Engine Company	Engineman	March 1, 1895.
Steinacker, Edward W	11 Hook and Ladder Company	Lieutenant	June 1, 1888.
Steineman, Frank	1 Engine Company	Pipeman	April 2, 1902.
Steinwedel, Charles L	8 Hook and Ladder Company	Captain	March 8, 1897.
Stevenson, William A	7 Hook and Ladder Company	Probationer	January 1, 1905.
Stewart, William E	15 Engine Company	Pipeman	November 15, 1893.
Stewart, William J	8 Engine Company	Captain	March 26, 1875.
Stolte, John C	20 Engine Company	Pipeman	March 6, 1903.
Stortz, Fred W	1 Hook and Ladder Company	Ladderman	October 1, 1902.
Strahler, Thomas J	11 Hook and Ladder Company	Captain	December 10, 1881.
Streb, Louis N	10 Hook and Ladder Company	Ladderman	August 5, 1903.
Stroehlein, Fred. J	19 Engine Company	Lieutenant	December 15, 1896.
Stroheker, Charles	10 Engine Company	Pipeman	November 19, 1903.
Strohminger, John	1 Hook and Ladder Company	Ladderman	June 2, 1900.
Sullivan, John	5 Hook and Ladder Company	Ladderman	December 8, 1890.
Sutton, Thomas H	6 Engine Company	Assistant Engineman	January 1, 1895.

T

Tauber, Edward	2 Engine Company	Pipeman	June 1, 1890.
Taylor, Charles T	17 Engine Company	Engineman	June 1, 1898.
Taylor, William H	7 Hook and Ladder Company	Captain	June 1, 1888.

Thomas, John L.	7 Hook and Ladder Company.	Ladderman	March 1, 1895.
Thompson, Robert J.	3 Hook and Ladder Company.	Ladderman	October 1, 1902.
Torney, Albert A	10 Engine Company	Pipeman	May 11, 1897.
Travers, Howard	5 Hook and Ladder Company.	Assistant Tillerman	April 29, 1897.
Truett, Samuel	24 Engine Company	Hostler	November 23, 1900
Tuckerman, L. A	2 Hook and Ladder Company.	Ladderman	June 22, 1900.

U

Upperco, Guy L	14 Engine Company	Pipeman	June 30, 1903.

V

Viehmeyer, Fred. W.	25 Engine Company	Hostler	July 13, 1893.
Vonderlinde, A	15 Engine Company	Pipeman	August 28, 1899.
Voyce, Thomas	2 Hook and Ladder Company.	Probationer	April 1, 1890.

W

Wain, Charles L	11 Hook and Ladder Company.	Ladderman	December 9, 1897.
Waite, Howard	18 Engine Company	Pipeman	June 7, 1901.
Waldner, Frank A	23 Engine Company	Pipeman	February 27, 1904.
Walker, A. I	10 Hook and Ladder Company.	Ladderman	October 7, 1898.
Walker, G. N	7 Hook and Ladder Company.	Ladderman	March 1, 1899.
Walsh, John F	1 Hook and Ladder Company.	Ladderman	August 5, 1903.
Walsh, John W	10 Engine Company	Engineman	March 14, 1876.

ALPHABETICAL ROSTER—Continued.

Name.	Assignment.	Position.	Date of Appointment.
Wann, Thomas R	21 Engine Company	Hostler	March 9, 1897.
Ward, Edward A	8 Engine Company	Hostler	March 15, 1895.
Watkins, Samuel R	9 Engine Company	Captain	July 26, 1891.
Watkins, William J	8 Engine Company	Pipeman	August 2, 1895.
Watson, John	7 Engine Company	Pipeman	December 15, 1897.
Watts, Joseph E	14 Engine Company	Pipeman	November 19 1903.
Webb, John S	8 Engine Company	Pipeman	March 9, 1899.
Weber, Daniel H	2 Engine Company	Assistant Engineman	August 1, 1889.
Weinknecht, John P	4 Engine Company	Pipeman	August 3, 1901.
Weiss, Bernard	9 Engine Company	Pipeman	November 19, 1903.
Weiss, Fred. C	6 Engine Company	Lieutenant	October 1, 1896.
Wellslager, George E	3 Hook and Ladder Company	Ladderman	December 15, 1897.
Welsh, James S	10 Hook and Ladder Company	Ladderman	January 22, 1901.
Welsh, William F	12 Engine Company	Engineman	May 19, 1893.
Wentz, James H	4 Hook and Ladder Company	Ladderman	August 31, 1898.
Whalen, Joseph P	3 Engine Company	Engineman	July 28, 1896.
Wheatley, Charles H	17 Engine Company	Pipeman	February 26, 1896.
Whitney, Joseph B	22 Engine Company	Pipeman	June 30, 1903.
Wieland, John	18 Engine Company	Pipeman	June 15, 1903.
Wiley, William	5 Hook and Ladder Company	Ladderman	April 1, 1887.
Wilkinson, Pinkney W	Headquarters	Secretary	June, 11, 1900.
Wittig, John W	24 Engine Company	Pipeman	April 27, 1898.
Wolfe, N. C	Telegraph Department	Lineman	August 1, 1898.
Woods, Theodore H	18 Engine Company	Pipeman	January 22, 1901.
Woods, Walter J	20 Engine Company	Pipeman	March 26, 1897.

Y

Yeakel, James B	Telegraph Department	Superintendent	June 1, 1902.
Yienger, Antone	8 Hook and Ladder Campany	Ladderman	July 23, 1889.
Young, George C	13 Engine Company	Captain	March 31, 1891.
Yurek, George	6 Engine Company	Pipeman	March 13, 1899.

REPORT

—OF THE—

Superintendent of Fire-Alarm Telegraph

1904.

REPORT.

BALTIMORE, December 31, 1904.

To the Honorable Board of Fire Commissioners.

GENTLEMEN: The following report of the operation of the Telegraph Department for the year ending December 31, 1904, will be gratifying to you in showing the high efficiency maintained through your generous consideration of its importance.

Wires and apparatus have been kept in perfect working order at all times, with the exception of the storm November 13, which was unusually hard on the telegraph lines in this vicinity.

Commencing about 2.30 P.M. sixteen circuits were interrupted by breaks caused by accumulation of wet snow, putting out of service over 100 boxes. The regular linemen, with all the extra labor that could be used to advantage, were promptly started and speedily began to repair the wires, so that by zealous and intelligent efforts more than three-fourths of the damage was temporarily repaired by midnight, and only 34 boxes, which were nearly all in the outlying districts, remained out of service. To avoid accident and enable the linemen to work without fear of dangerous currents, the Electric Light Company was requested to keep current off of all wires on Fire Alarm poles. Their ready response helped very much in rapid repair and the service of boxes.

The advantage of covered wire was again demonstrated in this disaster; many miles of line were serviceable during the afternoon and night which would have been useless without the protection the insulation afforded.

Eighteen miles of wire were lost in this storm, being broken and twisted to such an extent that it could not be recovered economically for use in repairing.

Notwithstanding the complete destruction of the circuits in the northern and northeastern sections, after a few hours work, all companies were put in communication with the telegraph office, either by alarm circuit or telephone, except Engine Company No. 20 and Hook and Ladder No. 12, which were in communication by using a telephone in the immediate neighborhood.

One hundred and fifty-eight miles of covered wire strung during the year, 140 of which were used in replacing naked wire and for new boxes, and 18 on account of storm.

Nine thousand eight hundred and fifty feet of two-conductor cable was used, of which 1,435 was for repairs of faults resulting from elctrolytic and chemical action in ducts, and 8,415 feet from new boxes, stall trips in engine houses and individual gongs.

With the exception of the telephones which are auxiliary to the independent gong circuits, all overhead lines are of covered wire. With your approval, the substitution of covered for naked copper wire will be continued until all bare wire is removed. The advantage is demonstrated during the prevalence of high winds, and the immunity from damage to instruments formerly experienced when the Fire Alarm circuits were in contact with other wires.

The installation of the new four-dial transmitter and storage battery switchboard add materially to the efficiency of the machinery of the office. The transmitter is an improvement on any device for the purpose previously constructed, its principal feature being an arrangement of the parts which enables the operator by a turn of one switch to throw out of service a defective dial and put in place another without stopping the motion of the machine. This makes the instrument practically a double transmitter, and permits necessary repairs to important parts while the instrument is in service.

The storage battery board also has the latest improvements, and in its operation is both automatic and manual. It enables the operating force to keep the currents required for the different circuits normal, and helps to discover and remove faults that might become dangerous without more complicated methods of testing than are now required.

The same careful inspection of gongs and other electrical apparatus in quarters has been the rule during the year, and the few reports of "double blows" and "missed blows" are an evidence of the intelligent manner this part of the lineman's duty has been performed.

New stall and light trips were placed in quarters of Nos. 4 11 and 13 Engines.

The inside wiring of the last two named has also been renewed. The work not only improves the appearance of these houses but has removed conditions that caused some anxiety regarding safety.

The following new boxes were placed during the year:

748—Lanvale street and Milton avenue.
194—Boston and Hudson streets.
127—Pratt street and Centre Market Space.
149—Eastern avenue and Albemarle street.
228—Fayette and Eden streets.
249—Centre and Holliday streets.
749—North avenue and Gay street.
549—Garrett street and Fort avenue.
751—Boone and Twenty-first streets.
564—Bayard and Nanticoke streets.
761—Auchentoroly Terrace and Bryant avenue.
596—No. 12 Hook and Ladder quarters, "Forest Park."
665—Portland and Penn streets.
597—Park avenue and Wilson street.
195—President and Lancaster streets.
584—Maryland Theatre.
585—Auditorium Theatre.
762—Windsor avenue and Eleventh street.
196—Baltimore and Curley streets.
197—Lombard and Ann streets.
753—Jefferson and Taylor streets.
566—Hamburg and Fremont streets.

588—Schroeder and Raborg streets.
589—Lombard and Mount streets.
755—Chase street and Greenmount avenue.
693—Oak and Twenty-fifth streets.
694—Fremont and Lanvale streets.
193—No. 24 Engine quarters, "Patterson Park avenue, near Orleans street."

The efficiency of the telegraph service was prominently displayed during the disastrous conflagration in February.

Fifty-six boxes were pulled during the hours of 10.48 A. M., February 7, the time Automatic box 815 was received, and 11.40 A.M., February 8, when the last alarm was received from the fire district.

All alarms and special signals, including telephone calls, were promptly handled, and every demand made on the operating force was responded to without confusion or delay.

Apparatus and circuits were in perfect condition during the entire period, excepting where the effects of the fire put out of service the boxes in the path of the flames.

The value of the storage battery is recognized in the work we were called on to perform. The capacity of the cells provided a uniform current during the entire period, and to its reliability are we indebted for much of our success at that time.

All fire alarm stations immediately surrounding the Burnt District were re-established as soon as the removal of debris permitted access to the wires, which in the district are all under ground.

Five boxes were totally destroyed; thirteen recovered and sent to the shop, from which eleven were returned in perfect condition. One large engine house gong, which was being repaired at the factory of the Southern Electric Company, was destroyed when that building burned.

The individual gong circuit was all in the Burnt District, and the gongs, which were the property of those for whom this circuit was provided, destroyed. The separation of these gongs from the alarm circuits some time ago prevented interruption to the Department service as the fire advanced.

The satisfactory condition of the Telegraph Department is an evidence of the advantage of your liberal policy towards the branch of the service, anticipating its needs and inspiring operators and linemen with ambition to merit your confidence at all times.

The municipal telephone board was in constant operation until the companies returned to quarters. This is an important factor in our argument—that the Fire Alarm operators should not be required to answer telephone calls while the apparatus is on the fire ground. Calls for additional force, fuel, etc., are made by signals on the box circuits, and the attention of the operator should not be diverted from that point until the recall is given.

I desire to renew my request, that your Honorable Board will continue your recommendation for the restoration of the salaries of the operators of this Department. Their interest in the work is shown by the successful operation of the Telegraph Department, and to operators and linemen is due my acknowledgment of their co-operation by which the high efficiency has been maintained.

Your generosity to me personally, is fully appreciated, and the performance of duty through your liberal indulgence has been a pleasure.

Very respectfully,

JAMES B. YEAKLE,
Superintendent.

ROSTER

—OF THE—

TELEGRAPH DEPARTMENT.

1904.

ROSTER OF TELEGRAPH DEPARTMENT.

Name.	Age.	Date of Appointment.	Position.	Residence.	Former Occupation.
J. B. Yeakle	62	June 1, 1902	Superintendent	Forest Park	Gen'l Mgr. American Dis. Tel. Co.
C. C. Prince	40	Jan. 1, 1894	Telegraph operator.	2318 E. Baltimore st	Telegraph operator.
W. E. Shuter	34	Mar. 1, 1896	" "	301 E. North ave	" "
H. C. Martin	37	June 1, 1896	" "	1743 E. Lafayette ave	" "
W. F. Gettrust	31	Sept. 8, 1897	" "	912 W. Fayette st	" "
S. E. Smith	35	May 11, 1898	" "	2309 Barclay st	" "
Michael J. Dean	37	Jan. 1, 1903	" "	1612 E. Monument st	" "
John M. Kerr	28	June 1, 1902	Telephone operator.	1000 Potomac st	Clerk.
Frank L. Frieze	26	Mar. 1, 1903	" "	1413 Druid Hill ave	Telephone operator.
J. N. Smith	42	Feb. 28, 1897	Chief lineman	1511 N. Bond st	Lineman.
Robert Kain	48	Mar. 1, 1878	Assistant lineman	1003 N. Fulton ave	"
Thomas W. Glass	40	May 15, 1893	" "	1029 Hopkins ave	"
James W Anderson	39	Mar. 16, 1896	" "	1337 W. Lafayette ave	"
N. C. Wolfe	53	Aug. 4, 1898	" "	1116 Mosher st	"

The accompanying diagram or map shows the burned area and the trend of the main and the secondary conflagrations. Each circle on the map denotes a location thoroughly ablaze, at an hour of age of the fire denoted by the figure within the circle. The arrows point in the direction of the wind at that time and to a figure giving the velocity in miles per hour.

BALTIMORE.

BURNED DISTRICT INSIDE HEAVY BLACK LINES.

BASIN OR BAY

N W E S

LEXINGTON

COURT HOUSE

POST OFFICE

CITY HALL

FAYETTE STR

FAYETTE

BALTIMORE STR

BALTIMORE

LIBERTY STR

SHARP ST

HOWARD

CHARLES

CALVERT

SOUTH

GAY STR

HARRISON STR

FREDERICK STR.

FRONT

FAYETTE

CENTRE MARKET

CENTRE

SWAN STR

PLOWMAN STR.

ALBEMARL

HIGH

WATER

GERMAN

HOPKINS PLACE

HANOVER

LIGHT

MERCER

WATER STR

HOTEL

BANK LANE

B&O

WINE STR

POST OFFICE AVE

U.S. CUSTOM HOUSE

LOMBARD

EXCHANGE PLACE

CHEAPSIDE

COMMERCE

FRANKLIN LANE

HOLLINGSWORTH ST

ELLICOTT ST

UNION ALLEY

SPACE

HANVK STR

SMITH

ALLEY

MARKET

CONCORD

GRANBY

PRATT

PRATT STR.

SHARP

CAMDEN

CONWAY

BARRE

WELCOME ALLEY

LEE

GUILFORD ALLEY

YORK

WOOD ST.

CABLE STR

McCLURES DOCK

PATTERSON

PATTERSON'S DOCK

SMITH'S

SPEAR'S

WHARF

DOCK

BUCHANAN'S

FREDERICK

WELLS

DUNCAN

LONG

McELDERRY'S

MILL

BOWLY

WEST JONES FALLS

EAST JONES FALLS

PRESIDENT

EASTERN

CORN

UNION

CHESTNUT ST

LOCUST STR

UNION DOCK

PIER HEAD LINE

BAY LINE PIER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

ANNUAL REPORT

—OF THE—

CITY COLLECTOR

—TO THE—

Mayor and City Council of Baltimore

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1904

BALTIMORE, MD.
WM. J. C. DULANY COMPANY,
CITY PRINTERS.

1905.

REPORT

DEPARTMENT OF FINANCE,
SUB-DEPT., CITY COLLECTOR'S OFFICE,
CITY HALL.

BALTIMORE, January 1, 1905.

To the Honorable Mayor and City Council of Baltimore:

GENTLEMEN: I herewith transmit for your consideration the report of this Department for the year ending December 31, 1904.

Respectfully submitted,

HENRY WILLIAMS,
City Collector.

TABLES

TABLE A.

Total City and State Taxes, Including the Annex, Received from January 1, 1904, to December 31, 1904.

	City.	State.	Total.	ANNEX AND SUBURBAN. City.	State.	Total.
January	$ 2,882,327 07	$ 283,108 33	$ 3,165,435 40	$ 62,150 31	$ 16,055 72	$ 78,206 03
February	407,144 44	27,999 83	435,144 27	10,969 15	3,018 14	13,987 29
March	387,251 91	33,838 20	421,090 11	18,128 48	4,876 41	23,004 89
April	561,105 92	38,907 15	600,013 07	11,573 47	3,005 28	14,578 75
May	530,224 32	53,617 41	583,841 73	13,922 28	4,479 83	18,402 11
June	452,775 04	56,436 25	509,211 29	17,612 91	6,237 05	23,849 96
July	590,396 17	74 102 52	664,498 69	20,949 89	7,323 08	28,272 97
August	124,204 95	62,871 32	187,076 27	5 380 08	2,982 13	8,362 21
September	165,773 42	27,339 60	193,113 02	6,460 52	2,009 64	8,470 16
October	154,651 40	15,913 57	170,564 97	7,786 90	2,510 52	10,297 42
November	136,582 32	13,445 57	150,027 89	11,864 49	3,474 67	15,339 16
December	149,169 93	20,922 83	170,092 76	7,047 45	2,290 13	9,337 58
Total	$ 6,541,606 89	$ 708,502 58	$ 7,250,109 47	$ 193,845 93	$ 58,262 60	$252,108 53

City, including streets and mortgages	$6,541,606 89	State (City proper)	$708,502 58
City, Annex and Suburban	193,845 93	State Annex	58,262 60
	$6,735 452 82		$766,765 18

City	$6,735,452 82
State	766,765 18
Total	$7,502,218 00

TABLE B.

Recapitulation of Taxes Collected from January 1, 1904, to December 31, 1904.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total.
1900.		$1 67					
Personal	$ 431,726		$ 7,209 81		$7,209 81	$ 1,993 65	$ 9,203 46
Securities	88,101	30	264 30		264 30	60 91	325 21
1901.		1 81½					
Real	1,679,486		30,482 80		30,482 80	4,774 15	35,256 95
Personal	1,325,173		24,051 73		24,051 73	4,363 10	28,414 83
Securities	335,213	30	1,005 65		1,005 65	194 07	1,199 72
1902.		1 95					
Real	13,199,762		257,395 38		257,395 38	29,415 00	286,810 38
Personal	1,525,850		29,754 13		29,754 13	3,615 30	33,369 43
Securities	474,402	30	1,423 22		1,423 22	180 52	1,603 74
1903.		1 86¾					
Real	24,528,909		458,077 17		458,077 17	24,273 71	482,350 88
Personal	4,053,985		75,708 12		75,708 12	2,936 85	78,644 97
Securities	2,444,314	30	7,332 97		7,332 97	439 94	7,772 91
1904.		2 06					
Real	199,493,775		4,109,571 73	$63,223 11	4,046,348 62	5,619 30	4,051,967 92
Personal	54,564,686		1,124,032 51	16,468 35	1,107,564 16	1,491 28	1,109,055 44
Securities	91,311,707	30	273,935 14	5,685 84	268,249 30	647 20	268,896 50
Saving Banks	66,669,075	18¾	125,004 49	3,114 06	121,890 43	74	121,891 17
Total	$462,126,164		$6,525,249 15	$88,491 36	$6,436,757 79	$80,005 72	$6,516,763 51
Opening streets and alleys							5,439 31
Paving streets and alleys							15,592 26
Mortgages							3,811 81
							$6,541,606 89

NOTE—The discount allowed by the Mayor and City Council for the prompt payment of taxes on Levy of 1904 on Real and Personal, according to the above table, was $79,691.46, which is equivalent to the taxes on a basis of $3,868,518, and this amount deducted from the gross basis of $301,082,778, leaves a net basis collected upon of $297,214,260. (See Table G.)

TABLE C.

Rate Per One Hundred Dollars.

	1900	1901	1902	1903	1904
Police Department	27 7/8	33 5/16	31 9/16	32 1/8	37 1/2
Certain Expenses	8 1/8	6 1/4	6 1/8	6 1/4	6 3/4
Public Schools	30 1/2	30 11/16	41 1/8	40 13/16	44 3/8
City Poor	11 7/8	13 11/16	14 1/8	16 11/16	16 3/4
City Direct	43 1/4	49 11/16	55 1/4	44 11/16	52 1/4
Interest on Stock Debt	27 7/8	31	29 13/16	29 7/16	32 1/8
Opening Streets	3/4	5/8	.....	1/2	.....
Water 1926 Sinking Fund	1	1	1	1	1
Internal Improvement 1928 Sinking Fund	3	3	3	3	3
General Sinking Fund	3 1/4	3 1/4	3 1/4	2 1/4	2 1/4
Public Improvement 1940 Sinking Fund	2	2	2	2	2
Four Million Loan Sinking Fund	1/2	1/2	1/2	1/2	1/2
Water 1916 Sinking Fund	2	2	2	2	2
Water 1922 Sinking Fund	1/2	1/2	1/2	1/2	1/2
Funding 1936 Sinking Fund	1	1	1	1	1
Conduit 1922 Sinking Fund	1	1	1	1	1
Refunding 1940 Sinking Fund	2	2	2	2	2
Conduit 1928 Sinking Fund	.....	.....	.....	1	1
	$1 67	$1 81 1/2	$1 95	$1 86 3/4	$2 06

TABLE D.

Monthly Receipts of Taxes on Several Levies from 1900 to 1904, Inclusive, for Opening and Paving Streets and Alleys, Securieties, Savings Banks and Mortgages, from January 1, 1904, to December 31, 1904.

	1900.	1901.	1902.	1903.	1904.	Savings Banks.	Opening Streets and Alleys.	Paving Streets and Alleys.	Securities.	Mortgages.	Total.
Jan.	$1,080 01	$5,784 47	$29,353 10	$75,978 34	$2,439,057 75	$121,057 49	$154 50	$2 19	$209,445 28	$413 94	$2,882,327 07
Feb.	664 25	1,572 06	13,346 41	25,013 54	361,525 86	222 84	....	....	4,682 46	117 02	407,144 44
March.	2,238 74	8,339 10	33,672 43	50,714 10	279,287 48	323 13	.....	364 81	12,099 60	212 52	387,251 91
April.	3,364 41	5,062 39	34,216 39	56,894 07	451,963 67	54 84	33 72	370 57	8,671 01	474 85	561,105 92
May.	1,146 39	7,742 31	54,855 46	98,841 24	356,841 79	157 87	....	4,970 59	5,352 24	316 43	530,224 32
June.	506 05	3,921 28	32,243 39	71,484 59	336,029 85	....	....	1,264 32	7,202 19	123 37	452,775 04
July.	203 61	2,065 91	21 267 61	57,456 77	503,876 67	75 00	.....	3,130 27	2,278 75	41 58	590,396 17
August.	.....	5,165 00	16,673 00	23,339 53	76 715 70	.....	290 00	163 34	1,854 49	3 89	124,204 95
Sept.	....	3,472 29	20,572 06	26,961 59	113,081 16	.....	.....	.....	1,686 32	....	165,773 42
Oct.	.....	5,883 10	23,281 20	24,547 09	73,588 12	.....	425 00	1,686 55	25,228 39	11 95	154,651 40
Nov.	.....	9,249 77	33,196 40	22,817 06	66,915 36	....	2,632 09	1,080 59	618 18	72 87	136,582 32
Dec.	..... .	5,414 10	7,502 36	26,947 93	102,139 95	....	1,904 00	2,559 03	679 17	2,023 39	149,169 93
Total.	$9,203 46	$63,671 78	$320,179 81	$560,995 85	$5,161,023 36	$121,891 17	$5,439 31	$15,592 26	$279,798 08	$3,811 81	$6,541,606 89

TABLE E.

Division of Taxes Received from January 1, 1904, to December 31, 1904.

	1900.	1901.	1902.	1903.	1904.	Total.
Police Department	$1,203 45	$10,009 28	$46,478 50	$91,822 42	$ 938,212 26	$1,087,725 91
Certain Expenses	350 77	1,877 97	9,019 52	17,864 44	168,878 15	197,990 85
Public Schools	1,316 76	9,220 69	61,663 45	116,654 37	1,110,217 91	1,299,073 18
City Poor	512 70	4,112 23	20,799 96	47,697 92	419,068 02	492,190 83
City Direct	1,888 73	14,929 29	81,356 63	127,728 74	1,307,242 31	1,533,145 70
Interest on Stock Debt	1,203 45	9,314 75	43,902 26	84,141 09	803,735 05	942,296 60
Opening Streets	32 38	187 77	.....	1,429 30	.....	1,649 45
Water 1926 Sinking Fund	43 17	300 46	1,472 56	2,858 27	25,019 03	29,693 49
Internal Improvements 1928 Sinking Fund	129 54	901 41	4,417 70	8,574 85	75,057 06	89,080 56
General Sinking Fund	140 34	976 51	4,785 82	6,431 13	56,292 76	68,626 56
Public Improvements 1940 Sinking Fund	86 34	600 93	2,945 13	5,716 55	50,038 04	59,386 99
Four Million Loan Sinking Fund	21 58	150 23	736 30	1,429 15	12,509 51	14,846 77
Water 1916 Sinking Fund	86 34	600 93	2,945 13	5,716 55	50,038 04	59,386 99
Water 1922 Sinking Fund	21 58	150 23	736 30	1,429 15	12,509 51	14,846 77
Funding 1936 Sinking Fund	43 17	300 46	1,472 56	2,858 27	25,019 03	29,693 49
Conduit 1922 Sinking Fund	43 17	300 46	1,472 56	2,858 27	25,019 03	29,693 49
Refunding 1940 Sinking Fund	86 34	600 93	2,945 13	5,716 55	50,038 04	59,386 99
Conduit 1928 Sinking Fund	.....	.....	.....	2,858 27	25,019 03	27,877 30
	$7,209 81	$54,534 53	$287,149 51	$533,785 29	$5,153,912 78	$6,036,591 92
Interest	1,993 65	9,137 25	33,030 30	27,210 56	7,110 58	78,482 34
	$9,203 46	$63,671 78	$320,179 81	$560,995 85	$5,161,023 36	$6,115,074 26
Opening and Closing Streets and Alleys						5 439 31
Paving Streets and Alleys						15,592 26
Securities						279,798 08
Mortgages						3,811 81
Savings Banks						121,891 17
						$6,541,606 89

TABLE F.

Showing the percentage collected during the current year of the respective levies from 1895 to 1904, inclusive (including securities from 1897).

Year.	Basis.	Basis Collected.	Per Cent.
1895	$295,065,321	$211,962,302	71.84
1896	294,234,565	209,773,836	71.26
1897	320,755,866	231,609,977	72.21
1898	319,286,803	242,727,711	76.02
1899	329,377,795	284,927,082	86.50
1900	379,070,440	325,737,234	85.93
1901	401,695,002	342,873,400	85.36
1902	413,379,062	357,942,351	86.58
1903	408,049,102	352,837,058	86.47
1904	467,618,015	412,039 243	88.11

TABLE G.

Showing the Percentage Collected Monthly on Real and Personal Property Levy of 1904, December 31, 1904.

Real and Personal Basis, December 31, 1904.	Months.	Basis Collected Upon.	Per Cent.	
$301,082,778	January	$121,436,782	40.3	
	February	17,907,958	5.9	
	March	13,764,106	4.5	
	April	22,161,600	7.3	
	May	17,368,779	5.7	
	June	16,301,039	5.4	
	July	24,446,492	8.1	
	August	3,703,177	1.2	
	September	5,425,056	1.8	
	October	3,519,860	1.1	
	November	3,184,224	1.5	
	December	4,839,388	1 6	
		$254,058,461	84.4	Gross.
Discount allowed, reduced to basis		3,868,518		
Net basis collected upon		$250,189,943	83.1	Net.
Real and personal basis estimated upon by Board of Estimates		$306,101,124		
Real and personal basis collected upon		254,058,461	84 4	Gross
		250,189,943	83.1	Net.

Percentage Collected Upon Basis of Real, Personal and Incorporated Companies.

	Basis.	Basis Collected Upon.	Per Cent. Gross.	Per Cent. Net.
Real	$234,370,810	$199,493,775	85.1	83.8
Personal (Individuals, Firms and Foreign Corporations)	33,953,676	23,979,387	70.6	69.5
Personal (Maryland Incorporated Companies)	32,758,292	30,585,299	93.3	92.1

TABLE H.

Summary of Receipts for Opening and Closing Streets and Alleys from January 1st, 1904, to December 31st, 1904.

Aiken street	$1,432 09
Beason street	154 50
Hanover street	1,925 00
Hopkins Place	1,894 00
Viaduct avenue	33 72
Total	$5,439 31

TABLE I.

Summary of receipts for paving streets and alleys from January 1, 1904, to December 31, 1904.

Chase street	$2,652 63
Clifton avenue	2,664 97
Ducatel street	2,639 39
Eighth street	754 73
Tenth street	5,501 15
Twelfth street	312 84
Twenty-first street	966 66
Footway, Biddle street	10 74
Footway, Eden street	2 93
Footway, Fayette street	30 29
Footway, Front street	30 64
Footway, Oliver street	25 29
	$15,592 26

TABLE J.

Shows the total amount collected, the total basis collected upon during the year 1904 on taxes in arrears, and on Levy of 1904, in comparison with same for the year 1903.

	BASIS.	
The total amounts collected in 1904 were:		
On taxes in arrears	$50,086,921	$964,952 48
On Levy of 1904, real and personal	254,058,461	5,161,023 36
On Levy of 1904, securities	91,311,707	268,896 50
On Levy of 1904, savings banks	66,669,075	121,891 17
Total	$462,126,164	$6,516,763 51
The total amounts collected in 1903 were:		
On taxes in arrears	$47,344,534	$950,730 44
On Levy of 1903, real and personal	268,916,054	4,945,130 91
On Levy of 1903, securities	83,921,004	246,233 12
Total	$400,181,592	$6,142,094 47

SUMMARY.

1904—Taxes in arrears	$50,086,921	$964,952 48
1903—Taxes in arrears	47,344,534	950,730 44
1904—Levy of 1904, real and personal	254,058,461	5,161,023 36
1903—Levy of 1903, real and personal	268,916,054	4,945,130 91
1904—Levy of 1904, securities	91,311,707	268,896 50
1903—Levy of 1903, securities	83,921,004	246,233 12
1904—Levy of 1904 savings banks	66,669,075	121,891 17

TABLE K.

Showing the Total Collection Made During the Year 1904 in Comparison with Estimate as made by the Board of Estimates.

	Collected.	Estimate.	Deficiency.	Excess.
Current	$5,153,912 78	$5,139,131 44		$14,781 34
Current Interest	7,110 58			7,110 58
Arrears	954,050 90	920,000 00		34,050 90
Annex	193,845 93	214,216 98	$20,371 05	
Securities	279,798 08	257,914 00		21,884 08
Savings Banks	121,891 17	123,750 00	1,858 83	
Mortgages	3,811 81	16,000 00	12,188 19	
	$6,714,421 25	$6,671,012 42	$34,418 07	$77,826 90

SUMMARY.

Collected	$6,714,421 25
Estimated	6,671,012 42
Amount collected over estimate	$43,408 83

Deficiency	$34,418 07
Excess	77,826 90
Amount collected over estimate	$43,408 83

TABLE L.

Shows the amount of mortgage tax collected monthly from January 1, 1904, to December 31, 1904.

	1900	1901	1902	1903	Total.	City Portion.	State Portion.
January	$3 47	$27 58	$152 70	$368 15	$551 90	$413 94	$137 96
February		1 08	6 14	148 80	156 02	117 02	39 00
March	160 61	13 54	27 09	82 10	283 34	212 52	70 82
April	513 65	48 85	6 20	64 43	633 13	474 85	158 28
May	318 28	55 39	20 63	27 61	421 91	316 43	105 48
June		42 22	55 96	66 30	164 48	123 37	41 11
July		18 94	9 30	27 19	55 43	41 58	13 85
August				5 18	5 18	3 89	1 29
September							
October		5 60	5 30	5 02	15 92	11 95	3 97
November		59 54	24 50	13 10	97 14	72 87	24 27
December		1,774 44	571 91	351 51	2,697 86	2,023 39	674 47
	$996 01	$2,047 18	$879 73	$1,159 39	$5,082 31	$3,811 81	$1,270 50

TABLE A—Annex and Suburban.

The collections during the year 1904 were $193,845 93, of which there were collected on

Levy of 1900	$ 946 23
Levy of 1901	4,383 24
Levy of 1902	5,172 22
Levy of 1903	29,943 24
Levy of 1904	153,401 00
	$193,845 93

The basis collected upon were:

Levy of 1900	$ 128,333
Levy of 1901	614,693
Levy of 1902	791,600
Levy of 1903	4,716,479
Levy of 1904	25,862,238
	$32,113,343

The amount of State taxes collected on were:

Levy of 1900	
Levy of 1901	$ 1,219 06
Levy of 1902	1,420 90
Levy of 1903	8,295 42
Levy of 1904	47,327 22
	$58,262 60

Total City	$193,845 93	
Total State	58,262 60	
		$252,108 53

TABLE B—ANNEX AND SUBURBAN.

Recapitulation of Taxes Collected from January 1, 1904, to December 31, 1904.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total.
1900.							
Real	$ 50,537	60c.	$ 303 22		$ 303 22	$ 64 79	$ 368 01
Personal	77,796	60c.	466 78		466 78	111 44	578 22
1901.							
Real	614,693	60c.	3,688 15		3,688 15	695 09	4,383 24
1902.							
Real	791,600	60c.	4,749 60		4,749 60	422 62	5,172 22
1903.							
Real	4,716,479	60c.	28,298 89		28,298 89	1,644 35	29,943 24
1904.							
Real	25,862,238	60c.	155,173 44	$2,045 79	153,127 65	273 35	153 401 00
	$32,113,343		$192,680 08	$2,045 79	$190,634 29	$3,211 64	$193,845 93

SEVENTY-SIXTH ANNUAL REPORT

— OF THE —

BOARD OF SCHOOL COMMISSIONERS

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1904.

BALTIMORE, MD.
WM. J. C. DULANY COMPANY.
CITY PRINTERS.

1905.

Board of School Commissioners.

ORGANIZED MARCH 1, 1900.

NAME.	ADDRESS.	TERM EXP.
JOSEPH PACKARD, *President*.	207 N. Calvert Street.....	1906
ALCAEUS HOOPER.....	15 E. Franklin Street.....	1908
CHARLES H. EVANS.....	1226 N. Central Avenue.....	1908
ALBERT B. CUNNINGHAM...	2241 Barclay Street.....	1910
WILLIAM ROSENAU.....	825 Newington Avenue.....	1910
JAMES H. PHILLIPS.....	102 E. Madison Street.....	1906
THOMAS McCOSKER.....	Foot of Chesapeake Street...	1910
IRA REMSEN.....	214 W. Monument Street....	1908
B. HOWARD HAMAN.....	11th Floor Calvert Bldg.....	1906

OFFICERS.

JAMES H. VAN SICKLE.....	Superintendent.
HENRY A. WISE.....	First Assistant Superintendent.
JOHN E. McCAHAN.....	Assistant Superintendent.
HENRY M COWLES.....	Secretary.
FRANK N. CLARIDGE.....	First Assistant Secretary.
HENRY C. BUCKMASTER.....	Second Assistant Secretary.
BENJ. B. OWENS.....	Supervisor of School Buildings.
FLORA M. PFOUTZ.....	Clerk to Superintendents.
HELEN HARDY.....	Stenographer.
HOWARD WHITCRAFT.....	Clerk to Supervisor.

DEPARTMENT OF EDUCATION,

OFFICE OF THE BOARD OF SCHOOL COMMISSIONERS.

BALTIMORE, January 2, 1905.

HONORABLE E. CLAY TIMANUS,
Mayor of the City of Baltimore:

SIR—The Board of School Commissioners respectfully submits the Seventy-sixth Annual Report of the condition of the public schools of the City of Baltimore during the year ending December 31, 1904.

SCHOOL ACCOMMODATIONS.

One large new school building for colored pupils, containing seventeen rooms, at the corner of Mount and Saratoga streets, came into use in September, 1904. In addition to this, appropriations have been made and plans have been adopted for four new schools, as follows: One of eight rooms at Forest Park, one of twenty-four rooms in the northeastern part of the city, at Lakewood avenue and Oliver street, a duplicate of the same as an addition to No. 96 School at Ramsay and Smallwood streets, and a new building for School No. 10, on Hollins street, which was destroyed by fire. Progress in regard to the last named school has been delayed by the necessity of condemnation proceedings to acquire the additional ground needed; and in the case of the school at Forest Park legal difficulties as to the title of the ground have prevented the commencement of the building.

Portable school rooms have been put in use to the extent of the appropriation of $5,000 for the year 1904; two at West Arlington and the other two in the northeastern part of the city. The appropriation of $15,000 for 1905 will enable the Board to add ten or twelve more rooms in places where the congestion of pupils is greatest.

Plans for a new Eastern High School were adopted after a competition of architects, resulting in a design which has met the general approval of the public, and the specifications for this building are nearly ready. It is hoped that the contract for its construction may be awarded before the first of March, 1905.

As in former years, the Inspector of Buildings has continued the work of repairs and improvements to old buildings. The installation of furnaces in place of stoves, which was begun last year, has been still further carried on.

TRAINING SCHOOLS FOR TEACHERS.

The Training Schools for Teachers continue to furnish a sufficient supply of well trained teachers to meet the requirements of the Board. The rooms at School No. 14, at Linden avenue and Wilson street, which were occupied last year by the Training School for Women Teachers, being needed for pupils, this school has been transferred to some unoccupied rooms at School No. 79, Park avenue and Hoffman street. The Training School for Young Men continues at the Baltimore City College.

GENERAL CONDITIONS.

The year has not been marked by any decided change in methods or organization. The teachers continue to show an earnest desire to fit themselves more perfectly for their work. At the request of a number of them, the Board has made provision for instruction to such as desire it in improved pedagogical methods.

SCHOOL ATTENDANCE.

	1903.	1904.	Increase.
Average attendance (corrected report)..	54,240	55,156	916
Average number belonging " " ..	64,815	65,389	574

The Superintendent's report will discuss these figures and explain the correction of the figures for 1903.

SCHOOL ATTENDANCE LAW AND PARENTAL SCHOOLS.

The Board has carried out, so far as the means and the force at its disposal would permit, the provisions of the School Attendance Law of 1902. Parental Schools for white and colored children are absolutely necessary for the proper enforcement of this law. Unless an habitual truant knows that there is in reserve such means to compel his attention to his books, he will pay little regard to the injunctions of the attendance officers. Such schools are in very successful operation in many of the large cities of this country, notably in Chicago. They are in no sense to be classed with penal institutions, but rather as schools where children having a special distaste for education may be brought to see its benefits. A proper building for a parental school for white boys and another for colored boys are imperative requirements. Pending such provision the Board has leased accommodation from the Henry Watson Children's Home for ten white boys, and the results of the experiment have been satisfactory. The following are the statistics as to the School Attendance Law:

Number of Absentees	29,638
" " Transfer cards	6,156
" " Truants	1,466
" " Special cases	180
" " New pupils put into Schools	72
" " Parent cases	9
" " Juvenile Court cases	7
Total	37,528
Number of working certificates perfected	1,526
" " Letters of warning sent	190
" " Ungraded classes	12

MANUAL TRAINING AND COOKING SCHOOLS.

The introduction a year or two ago of industrial training in connection with the schools has proved of great benefit from the educational point of view, and the Board proposes to gradually increase the opportunities offered to children in these

branches. The Cooking Schools particularly have been of great interest to children and their parents, and the Board is satisfied that far-reaching good will result from their establishment. During the present year arrangements will be made for night cooking classes in connection with the night school work.

STATISTICS.

The whole number of schools of various grades during the year was as follows: Elementary, 103, including 12 branches, secondary, 5, total, 108, under 1,612 teachers, classified as appears in the Report of the Superintendent of Public Instruction. In addition to the above, there are 24 supervising principals and 57 special teachers, including the supervisor and 3 assistant supervisors of music, 12 teachers of drawing, 27 teachers of sewing, 4 teachers of cooking, 5 teachers of manual training, and 7 teachers of physical training. The whole number of pupils, in day schools, belonging December 31, 1904, was 68,093; average number belonging, 65,389. The average attendance was 55,156, and the whole number attending school during the year was 81,582. In addition there were 5,546 pupils attending night schools, making the aggregate number of all pupils 87,128. The average annual salary of teachers during the year was $614.66, and the average per capita cost of education in all the schools, based on the number of pupils belonging December 31, 1904, and total expense, was $19.33. The average per capita cost in the night schools, based on the attendance of December 31, 1904, was $4.95. In the elementary schools the average cost per pupil was $18.17. In the several High Schools its was as follows: Baltimore City College, $71.65; Eastern High School, $41.21; Western High School, $31.31; Polytechnic Institute, $79.15; Colored High and Training School, $71.68.

The estimate submitted and the amount appropriated by the City Council for current expenses for 1904 was.....	$1,323,281 26
The amount received from the State for books was.....	53,639 84
Total received for current expenses was.....	1,376,921 10

The amounts expended were as follows:

For office salaries	$10,307 27	
For office expenses	1,500 00	
For day school salaries	1,148,801 06	
For day school expenses	136,822 50	
For night school salaries	10,039 25	
For night school expenses	500 00	
For free text books	49,961 83	$1,357,931 91
Balance		$18,989 19

There are 133 houses occupied by the schools, of which 112 are owned by the city and 21 are rented. In addition, there are 3 houses owned by the city not now occupied for school purposes. The amount paid for rented houses during the year 1904 was $10,016.87.

CHANGES IN THE TEACHING FORCE.

Seventy-three vacancies have occurred in the teaching force since January, 1904, of which five were caused by death and sixty-eight by resignation. The names of teachers elected to the City College and High Schools are as follows:

Baltimore City College—Lester W. Boardman, English; Max Switton, French, German, Latin.

Polytechnic Institute—Henry A. Converse, Mathematics; Edward Reisler, English; Elmer M. Harn, English; Ernest C. Conway, Engineering; Harry W. Mason, Science; Allen Malone, Mechanical Department.

Eastern High School—Agnes Buchholz, German.

Western High School—Bessie Kleibacher, English; Lelia H. Smith, Botany; Gertrude Kahn, English; Eleanor R. Hoskins, Latin and Algebra; Amelia Benson, Physics; Grace I. Gill, Stenography and Typewriting.

Colored High and Training School—Mary C. Jackson, English; Helen Wingate, Cookng; *George D. Jenifer, English; Julia Jones, Drawing and English.

*Resigned and J. Paul Brook appointed to take his place.

COMPETITIVE EXAMINATIONS.

The competitive examinations required by law have been held at regular intervals for teachers in the ordinary teaching force. Those who attained the required standing have been placed upon a preliminary list in the order in which their names appear on the report of the examinations. After testing for a sufficient time their aptness to teach, a graded list is made up based on their standing in the scholastic examinations and their grade of success as teachers, and all teachers elected have received places in the order in which their names appeared on such graded list.

The Board notes with deep interest the appointment by your Honor of a committee of fifteen citizens to make recommendations as to the amount needed to place the schools of the city on a proper physical basis. It is earnestly hoped that the citizens of Baltimore may take the necessary steps to supply the funds that may be deemed necessary by this committee.

The Board makes renewed acknowledgment of the invaluable services of the Superintendent of Public Instruction and his assistants, and of the faithfulness of the other officers of the Board.

I have the honor to be,

Very respectfully yours,

JOSEPH PACKARD,

President of the Board of School Commissioners.

In Memoriam.

The following named died during the year:

February 13—Bessie Gray.

May ..—Alice V. Martin.

June 6—Georgia H. Bump.

June 19—Ella S. Moffett.

November ...—John C. Anderson.

SECRETARY'S STATEMENT

——OF THE——

Accounts of the Public Schools for 1904.

The amount appropriated by the Mayor and City Council for the current expenses of the schools for 1904 was..	$1,323,281.26
Amount from the State for Free Books.....	53,639.84
Total	$1,376,921.10
Amount expended	1,357,931.91
Amount unexpended.....	$18,989.19

Itemized as follows:

OFFICE SALARIES.

Amount appropriated	$10,600.00
Amount expended	10,307.27
Amount unexpended—paid into General Fund, City Treasury	$292.73

OFFICE EXPENSES.

Amount appropriated	$1,500.00
Amount expended	1,500.00
Amount unexpended	.....

DAY SCHOOL SALARIES.

Amount appropriated	$1,163,652.76
Amount expended	1,148,801.06
Amount unexpended—carried forward to 1905.....	$14,851.70

DAY SCHOOL EXPENSES.

Amount appropriated	$136,822.50
Amount expended	136,822.50
Amount unexpended	.....

NIGHT SCHOOL SALARIES.

Amount appropriated	$10,206.00
Amount expended	10,039.25
Amount unexpended—paid into General Fund, City Treasury	$166.75

NIGHT SCHOOL EXPENSES.

Amount appropriated	$500.00
Amount expended	500.00
Amount unexpended	.....

FREE TEXT BOOKS.

The amount brought forward from 1903 for account of Free Text Books was	$34.48
Amount received from the State August 1	53,605.36
Total	$53,639.84
Amount expended	49,961.83
Amount unexpended—carried forward to 1905	$3,678.01

There was brought forward from 1903 a balance to furnish new buildings amounting to	$11,600.07
Expended of this amount	8,241.96
Unexpended—paid into General Fund, City Treasury	$3,358.11

There was brought forward from 1903 a balance to furnish Kindergartens amounting to	$4,526.23
Amount expended	4,526.23
Amount unexpended	.....

MOVABLE SCHOOLS.

Amount appropriated	$5,000.00
Amount expended	5,000.00
Amount unexpended	.....
Average annual salary of teachers	$614.66

RECEIPTS FOR CURRENT EXPENSES.

From City Collector, taxes	$1,110,217.91
State Treasurer, taxes	318,052.32
Non-resident pupils	5,677.18
Sale of old materials	216.15
Interest	84.48
	$1,434,248.04

The per capita cost, as here given, is based on the expenditure and the number of pupils belonging December 31, 1904:

PER CAPITA COST.

For all the schools	$19.33
" " Secondary Schools	53.35
" " Elementary Schools	18.17
" " Night Schools	4.95

Itemized:

For Baltimore City College	$71.65
" Eastern High School	41.21
" Western High School	31.31
" Polytechnic Institute	79.15
" Colored High and Training School	71.68
" Group A	17.56
" " B	16.38
" " C	15.91
" " D	15.34
" " E	16.61
" " F	16.41
" " G	12.27
" " H	17.84
" " I	16.46
" " J	15.29
" " K	16.94

For Group L	14.99
" " M	19.08
" " N	15.23
" " O	16.27
" " P	19.55
" " Q	19.85
" " R	18.06
" " S	21.74
" " T	22.35
" " U	18.32
" " V	14.29
" " W	18.94
" Colored Practice Schools	4.33

The following tables show:

Table A—Itemized expenditures, etc.
Table B—The location of schools, cost, etc.
Table C—Rented buildings, locations, etc.

H. M. Cowles, *Secretary.*

TABLE A.

Itemized Expenditures of the Several Schools and Groups.

Names.	DISTRIBUTION OF CHARGES.												Totals.
	Salaries.	Rents.	Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs.	Incidentals.	Free Text Books	Furnishing New Schools.	Furnishing Kindergarten	Movable Schools.	
Office	$10,307 27		$106 92		$78 95	$246 25	$18 48	$1,049 40					$11,807 27
General Expense	43,467 48		1,856 45	$2 75	39 80		17 29	9,807 45	$1,758 58	$175 00		$5,000 00	62,124 80
Drawing	6,478 54												6,478 54
Sewing	12,896 04												12,896 04
Physical Culture	5,545 16												5,545 16
Attendance Officers	8,477 52												8,477 52
Manual Training Centre No. 1	953 35	$260 00		6 40		62 15	46 46	212 73					1,541 09
Manual Training Centre No. 2	897 75							313 97					1,211 72
Manual Training Centre No. 3	836 60							195 53					1,031 53
Manual Training Centre No. 4	308 33							77 05					385 38
Manual Training Centre No. 5	308 33						5 75	79 25		179 89			573 22
Cooking School No. 1	511 98					9 62		193 02					714 62
Cooking School No. 2	504 84						1 50	207 47					713 81
Cooking School No. 3	292 74			7 80	8 40			296 81					605 75
Cooking School No. 4	334 32							144 11		142 95			621 38
Cooking School No. 5	55 02				3 60		52 14	63 49					174 25
Training School (White)	4,526 19		202 83		56 50		68 68	267 44	1,182 77		$ 190 00		6,494 41
Training School (Colored)	8,604 65		40 88										8,645 53
Baltimore City College	44 639 23		484 68		434 73	1,212 00	524 50	5,663 20	2,219 12				55,177 46
Eastern High School	16,290 11		343 19	34 63	349 27	421 96	31 31	509 61	1,062 68				19,042 76
Western High School	28,388 16		535 36		743 85	489 15	473 39	1,002 09	1,814 84				33,446 84
Baltimore Polytechnic Institute	25,102 86		1,127 96		484 51	1,021 14	8 20	4,684 32	2,321 51				34,750 50
Colored High and Training School	18,660 76	200 04	1,178 02	13 90	184 25	809 53	224 07	2,105 46	998 19				24,374 22
Schools 107, 110, 116	12,652 51		107 45	195 17		1,191 24	129 50	62 57	789 04				15 127 48
Group A	34,915 42		1,016 40	56 86	44 01	1,704 06	177 63	457 78	1,325 28		190 00		39,887 44
B	35,835 39		1,182 91	65 40		1,586 99	78 16	479-46	1,203 29		361 35		40,792 95
C	46,902 69		1,100 42	35 37		2,085 61	111 97	339 24	1,861 60	625 57	190 00		53,252 47
D	39,821 30	1,040 00	1,105 52	83 66	130 28	1,039 98	180 57	335 96	1,747 50		171 38		45,656 15
E	45,152 72	1,082 50	936 92	37 19		1,858 23	80 87	295 10	1,567 10	1,786 69			52,797 32
F	39,803 01	420 00	926 48	62 11	129 67	1,832 95	272 39	528 38	1,606 13		171 35		45,752 47
G	40,458 83		949 28	40 42	42 33	1,434 96	457 91	370 53	1,776 28		171 35		45,701 89
H	36,465 82	540 00	911 34	41 84	22 00	2,023 19	187 43	290 16	1,513 73		380 00		42,375 51
I	47,981 60		1,090 71		18 25	2,360 58	175 55	506 92	2,026 70	967 70	190 00		55,318 01
J	45,328 66	1,083 33	994 39	31 48	1 50	2,012 70	136 52	329 85	1,848 07		190 00		51,956 50
K	44,417 62	756 00	1,040 90	177 99	60 00	2,611 25	258 57	506 25	1,544 84	94 80	171 35		51,639 57
L	10,615 51		298 58	19 70		751 43	16 55	76 49	468 92		171 35		12,418 53
M	48,264 32		1,134 42	15 05	353 67	1,966 03	219 28	653 58	1,930 11		171 35		54 707 81
N	42,398 36		1,111 24	97 31	5 00	1,863 86	275 51	316 29	1,603 00		342 70		48,013 27
O	38,824 77	1,490 00	1,309 26	51 66	10 50	2,275 13	493 92	466 48	1,747 28	2,822 49	361 35		49,852 84
P	35,406 13	600 00	823 95	48 53	12 50	1,392 83	79 26	224 07	1,356 33				39,943 60
Q	43,288 17	595 00	1,358 57	69 76	110 95	2,422 24	239 12	417 09	2,122 15		190 00		50,813 05
R	38,983 81		1,013 48	38 16	251 25	2,052 51	400 27	452 40	1,787 09		171 35		45.150 32
S	41,191 85		1,339 39	18 08	12 50	1,968 74	42 50	455 19	1,954 78		361 35		47,344 38
T	38,038 78		946 69	24 70	373 93	1,684 86	322 74	607 13	1,531 96				43,530 79
U	43,733 76		1,251 10	74 85	100 15	3,059 97	298 56	618 68	2,009 56				51,146 63
V	39.089 36	1,200 00	1,390 24	20 57	39 50	2,518 42	299 08	453 80	2,157 50	1,056 19	190 00		48,414 66
W	31,151 31	750 00	1,010 87	78 66		1,614 50	147 30	274 19	1,125 90	390 68	190 00		36,733 41
Night High School	1,745 00							75 28					1,820 28
Night School No. 30	455 00							6 80					461 80
Night School No. 42	939 00							87 15					1,026 15
Night School No. 43	1,369 25							51 45					1,420 70
Night School No. 44	767 00							34 40					801 40
Night School No. 55	863 00							11 75					874 75
Colored High Night School	1,615 00							113 23					1,728 23
Night School No 101	639 00							23 15					662 15
Night School No. 106	491 00							19 07					510 07
Night School No. 112	673 00							48 77					721 77
Night School No. 113	483 00							28 95					511 95
Grand Total	$1,169,147 58	$10,016 87	$30,226 80	$1,450 00	$4,101 85	$49,584 06	$6,552 93	$36,889 99	$49,961 83	$8,241 96	$4,526 23	$5,000 00	$1,357,700 10

For current expenses deduct the amount of the last three columns

Current Expenses $1,357,931 91

TABLE B.

Schools.	Locations.	Size of Lot.	Amount of Ground Rent.	Paid on Account of Lots	Size of Building.	Cost.	Erected.
Baltimore City College..	Howard, opposite Centre	208^{6} x 260	$4,600 00	$50,000 00	155^{10} x 221^{8}	$203,639 00	1896
Eastern High.....	Side lot and rear building.....	39 x 180	75 00	15,000 00	51 x 58	....	.....
	Aisquith and Orleans.....	102 x 210	540 90	2,651 50	102 x 56	80,000 00	1868
Western High.....	McCulloh and Lafayette Avenue..	238^{7} x 230	.....	70,666 66	86^{5} x 191^{11}	132,000 00	1895
Polytechnic Institute..	Courtland, near Saratoga (old).....	82 x 90	.....	6,437 75	44 x 90	18,000 00	1868
	Courtland, near Saratoga (new)....	62^{6} x 90	220 00	10,000 00	54 x 90	25,000 00	1890
	Courtland, near Saratoga (addit'n)	37^{6} x 90	....	10,000 00	....	....	.....
Colored High.....	Pennsylvania ave. and Dolphin	189 x80(110)	1,147 50	.....	56^{4} x 138	26,000 00	1893
C. H. & T. shops..		....	....	....	....	....	1901
School No. 1.....	N. E. corner Fayette and Greene..	97 x 102	204 00	9,000 00	83 x 96^{7}	25,000 00	1880
" 2.....	Gough and Stiles	75 x 92	250 00	3,500 00	32 x 55	9 000 00	1854
" 3.....	Eastern and Montford avenues....	100 x 150	350 00	....	52 x 136	24,000 00	1880
" 4.....	Hanover and Lee	105 x 81	270 00	4,000 00	92 x 92	35,000 00	1896
" 5.....	Broadway and Ashland avenue....	120 x 120	600 00	....	60 x 113	18,000 00	1876
" 6.....	Ann, near Canton avenue	63 x 140	157 50	6,800 00	46 x 100	14 800 00	1878
" 7.....	Mullikin, near Aisquith.....	74 x 100	.....	....	45 x 65	5,000 00	1864
" 8.....	Caroline, near Lombard.....	105^{5} x 150	351 34	6,200 00	94^{7} x 59^{7}	18,000 00	1888
" 9.....	S. W. corner Fayette and Greene..	77^{6} x 170	1,094 75	....	62 x 140	27,000 00	1855
" 10.....	Hollins, nr. Schroeder, (being rebuilt)	60^{7} x 134	200 00	....	....	....	.....
" 11.....	Gilmor and Mosher.....	126^{3} x 156^{11}	757 00	....	57^{9} x 108	42,000 00	1886
		....	....	....	30 x 105	....	1889
" 12.....	Barre and Warner.....	67 x 120	268 00	....	55 x 74	16,000 00	1870
" 13.....	Patterson P'k av. and McElderry.	155 x 115	530 00	....	55 x 105	21,000 00	1890
" 14.....	Linden avenue and Wilson.....	105 x 150	840 00	....	55 x 123	21,000 00	1882
" 15.....	Saratoga and Carrollton avenue...	100 x 150	700 00	....	50 x 120	24,000 00	1872
" 16.....	Harford and Ashland avenues.....	105 x 158	790 00	....	56 x 113	17,000 00	1876
" 17.....	Light and Poultney.....	62^{1} x 122	217 00	800 00	50 x 72	16,000 00	1875
" 19.....	Hollins, near Monroe	140 x 129	700 00	....	54 x 112	18,000 00	1877
" 20.....	Eden and Preston..	100 x 207	592 00	6,000 00	51 x 167	43,000 00	1868
" 21.....	Pennsylvania avenue and Robert..	80 x 155	384 00	....	50 x 80	16,000 00	1869
" 22.....	Ramsay, near Scott	71 x 128^{6}	177 50	....	45 x 95	15,000 00	1855
" 23.....	Gough and Wolfe	75 x 110	150 00	2,400 00	57^{9} x 104	19,000 00	1886

TABLE B—CONTINUED.

SCHOOLS.	LOCATIONS.	Size of Lot.	Amount of Ground Rent.	Paid on Account of Lots.	Size of Building.	Cost.	Erected.
School No. 24	Fait avenue and Patuxent street	150 x 100	.....	$7,500 00	77 x 86	$21,000 00	1890
" 25	Bond, near Canton avenue	129[6] x 110	.....	14,962 50	93 x 90	25,000 00	1892
" 26	Orleans, near Bond	84 x 75	$126 00	4,500 00	50 x 65	15,000 00	1874
" 27	Fayette and Chester	92 x 120	274 50	.....	48 x 72	18,000 00	1869
" 28	Battery avenue and Clement	75 x 82	270 00	1,000 00	46 x 82	75,000 00	1869
" 29	Sharp, near West	114 x 155	570 00	.....	55[9] x 104	21,600 00	1886
" 30	Hollins, near Monroe	150 x 129[6]	750 00	.....	55 x 82	16,000 00	1874
" 31	Schroeder and Peirce	60 x 122	228 00	2,500 00	57[4] x 102	21,000 00	1890
" 32	Guilford avenue and Lanvale	80 x 154	.....	11,800 00	67 x 58	21,000 00	1890
" 33	Light and Clement	100 x 100	.....	10,000 00	67 x 98	21,000 00	1890
" 34	Carey and Columbia avenue	100 x 160	385 00	.....	113 x 58	30,000 00	1896
" 35	Hanover and Winder	132 x 198	.....	6,700 00	48[6] x 114[2]	28,297 00	1895
" 37	Biddle and Patterson Park ave	165 x 150	.....	8,500 00	89 x 61	25,000 00	1896
" 38	Chesapeake and Hudson	80 x 100	.....	.....	32 x 50	5,000 00	1853
" 39	Carrollton and Riggs avenues	97[1] x 157	.....	7,000 00	52[4] x 97[5]	19,000 00	1888
" 42	Broadway and Bank	100 x 141	244 00	.....	101 x 39	30,000 00	1888
	Broadway and Bank, rear building	.....	.....	.....	52 x 87	.....	.....
" 43	High, near Fayette	80 x 167	900 00	.....	50 x 145	28,800 00	1875
	Branch, 124 and 126 N. High	30 x 136[6]	.....	.....	.....	5,000 00	.....
" 44	Sharp near Montgomery	100 x 155	675 00	.....	56 x 84	18,000 00	1869
" 45	Greenmount avenue and Eager	66 x 150	600 00	.....	55 x 100	17,000 00	1872
" 46	Division, near Lanvale	104[3] x 171[3]	800 00	.....	55 x 120	28,255 66	1877
" 47	Eastern avenue and Patuxent	145 x 300	1,001 00	.....	80 x 143	50,000 00	1898
" 48	Hollins and Monroe	Old lot	.....	.....	55 x 104	21,000 00	1890
" 50	Gorsuch av. and Taylor, Homest'd	42 x 90	.....	1,000 00	35 x 50	4,500 00	.....
" 51	York Road, Waverly	100 x 200	.....	4,000 00	35[6] x 90	14,500 00	.....
	York road, rear building	.....	.....	.....	50 x 33		
" 52	Oak and Twenty-fourth	60 x 122	.....	4,000 00	50 x 60	10,000 00	.....
" 53	St. Paul and Twenty-sixth	200 x 123	.....	21,713 41	100 x 123*	60,000 00	1897
" 54	Huntingdon avenue, near Charles	100 x 150	.....	7,000 00	.....	38,000 00	1890
" 55 (old)	Chestnut and Fourth avenue	176[8] x 230	.....	5,000 00	55 x 105	21,000 00	1899
" 55 (new)	Chestnut and Fourth avenue	120 x 48	.....	1,200 00	.....	46,769 42	1902

School No. 57	Hampden, Merryman's Lane	127^{5} x 32^{6}	50 00		24^{6} x 64	700 00	1889
" 58	Woodberry avenue, Woodberry	45 x 130	22 50		37 x 96	10,000 00	1889
" 60	Francis and Clifton, (new)	150 x 150	480 00		64^{4} x 105	25,000 00	1893
	Clifton, on Clifton ave., (branch)	40 x 150		2,000 00	40 x 90	4,000 00	
" 61	Linden avenue and Konig	165 x 150	1,155 00		136^{5} x 70^{5}	54,000 00	1897
" 62	Walbrook avenue and Smallwood	150 x 210				64,872 00	1903
" 63	Ninth and Northwest, Walbrook	128 x 194		4,718 66	66^{5} x 106	25,000 00	1894
" 65	Calverton, Bloomingdale Road	75 x 169		1,500 00	60 x 100	15,500 00	1893
" 66	Carroll, Old Frederick Road	60 x 225	360 00	$2,000 00	52 x 27	4,500 00	1889
" 67	Old Fred'k Rd. and Fairview ave	150 x 257	360 00		67 x 92	19,500 00	1892
" 68	Millington avenue and Lehman	80 x 200	290 00		64 x 119	21,000 00	1892
" 70	William and Warren avenue	70 x 140	175 00		44 x 103	19,000 00	1850
" 71	Bond and Jefferson	70 x 152^{3}	19 00	8,700 00	56 x 116	20,000 00	1884
" 72	Ridgely, near Fremont	124 x 155	620 62		73 x 125	25,000 00	1877
" 73	Aisquith, near Lexington	80 x 180	25 00	17,100 00	44 x 100	20,000 00	1870
" 74	Cromwell and Twenty-second	200 x 297		7,000 00		69,029 00	1903
" 75	Carrollton avenue and Lexington	49^{6} x 103		10,000 00	49 x 135	20,000 00	1886
	Carrollton ave. near Lexington	100 x 160^{4}	400 00		55 x 107	20,000 00	1860
" 76	Hull and Clement, Locust Point	100 x 155^{3}	350 00		56 x 113	18,000 00	1882
" 77	Washington, near Fayette	93 x 190	581 25		52 x 119	20,000 00	1871
" 78	Harlem avenue and Monroe	85 x 249^{6}	830 68		56^{4} x 143^{9}	30,500 00	1893
" 79	Park avenue and Hoffman	120 x 150	1,020 00		100 x 147	35,000 00	1892
" 80	Eden and Federal	180^{6} x 100		8,000 00	60 x 124	33,000 00	1890
" 81	Gilmor and Presstman	102^{5} x 155	620 00		55 x 121	18,350 00	1876
" 82	Mulberry near Fremont	87^{8} x 134	350 67		54 x 85	15,000 00	1868
" 83	Lakewood avenue and Orleans	145 x 200		9,166 66		58,897 14	1903
" 84	Heath and Johnson	148^{2} x 157^{10}		10,000 00		58,957 00	1903
" 91	Argyle avenue, near Lanvale	80 x 140	315 00		45 x 68	13,000 00	1858
" 92	Charles and Ostend	74^{6} x 219^{2}	372 50		56 x 150	28,000 00	1882
" 93	Baltimore, nr. Aisquith (West Br.)	120 x 170	1,300 00	5,000 00	54 x 118	28,000 00	1879
" 94	Chase and McDonogh	80 x 223	501 75		56 x 183^{2}	38,675 00	1882
" 95	Lexington, near Fremont	81 x 220^{6}		15,000 00	60 x 124	25,000 00	1890
" 96	Ramsay and Smallwood	177 x 165^{6}		4,000 00	53 x 135	36,885 00	1895
" 99	North avenue and Washington	80 x 150		5,000 00	66 x 120	25,000 00	1891
" 100 (old)	Old building, rented as offices	66 x 193	600 00	16,000 00	52^{2} x 133^{2}	45,221 35	
" 100 (new)	T. T. S , col., Saratoga and Mount	156^{10} x 151		10,000 00		20,000 00	1888
" 101	Jefferson, near Caroline	83^{6} x 80	200 00	1,350 00	32 x 80	5,000 00	1855
" 102	Howard and Montgomery (rented by Comptroller)	50 x 104	120 00	8,000 00	40 x 64	6,000 00	1872
" 105	Rogers avenue, near Lexington	75 x 105	25 00	5,125 00	49 x 80	14,000 00	1874

TABLE B.—CONTINUED.

SCHOOLS.	LOCATIONS.	Size of Lot.	Amount of Ground Rent.	Paid on Account of Lots.	Size of Building.	Cost.	Erected.
School No. 106	Hill, near Sharp	99 x 90(155)	$ 192 00	$11,300 00	76[9] x 133[11]	$ 27,000 00	1893
" 107	Biddle, near Pennsylvania ave	70 x 150	70 00	5,000 00	40 x 92	10,000 00	1870
" 108	Caroline, near Bank	76 x 90	70 00	4,800 00	45 x 65	8,000 00	1867
" 109	Barre, near Eutaw (vacated)	65 x 112	300 00	.....	40 x 80	10,000 00	1854
	Fremont and King	74 x 150	.....	12,000 00	44 x 65	8,000 00	1843
" 110	Waesche, near Fremont	143[9] x 129	480 00	.....	59 x 129	22,000 00	1877
" 111	Bond and Ashland avenue	80 x 80	130 00	.....	40 x 54	7,000 00	1864
" 112	Carey and Chappell	135[9] x 142	630 00	.....	109 x 65	40,408 70	1897
" 113	Gerard ave. and Sherman Place	120 x 124	.....	7,200 00	68[5] x 77[4]	23,968 00	1895
" 115	Merryman's lane, Waverly	87 x 240	.....	1,000 00	71 x 24	4,500 00	.....
" 116	Druid Hill avenue, near Biddle	75 x 100	150 00	.....	44 x 100	12,000 00	1841
Lot	Summit and Monroe	72[4] x 245	.....	9,500 00	.....	.....	.....
Lot	Ashland avenue and Chester	133 x 200	959 75	.....	.....	.....	.....
Lot	Pennsylvania ave., near Biddle	92[2] x 200	.....	26,500 00	.....	.....	.....
Portable Schools—							
School No. 64, Branch West Arlington						$2,400 00	1904
School No. 37, Patterson Park avenue and Biddle street						1,200 00	1904
School No. 99, North avenue and Washington street						1,200 00	1904
Total value of school buildings						$2,817,924 27	
Amount paid on account of lots						854,500 69	
Total of buildings and sites						$3,672,424 96	

Construction ordered—

Eastern High School, Broadway and North avenue	$ 31,300 00
No. 96, addition, Ramsay and Smallwood streets	.....
No. 10, rebuilding, Hollins, near Schroder street	.....
No. —, new building, Lakewood avenue and Oliver street	4,119 25
No. —, new building, Forest Park	.....

TABLE C.

SHOWING LOCATION OF RENTED BUILDINGS, BY WHAT SCHOOLS OCCUPIED, AMOUNTS OF YEARLY RENTALS, AS OF DECEMBER 31, 1904.

No.		
10	1724 Frederick avenue	$600
10 Branch	833 Hollins street	600
49	808 North Calvert street	540
50 Branch	Southeast corner Washington and Harrison streets	156
51 Branch	Gilmor lane, near Yord road	480
56	Hickory avenue, near Thirty-seventh street	600
59	Park Heights avenue	360
64	North Walbrook	360
90	1846 North Gay street	1,000
93 E. Branch	Baltimore street, near Aisquith	960
97	117 and 119 Jackson Place	670—550
98	Lombard and Catharine streets	600
109 Branch	Edmondson avenue and Bloomingdale road	300
111 Branch	Madison and Bond streets	400
115 Branch	Barclay street, near Merryman's lane	120
118	Gold and Calhoun streets	450
118 Branch	Mt. Olive lane	60
M. T. C. No. 1	Hopkins avenue and Federal street	240
Colored High and Training, Assembly Hall	Dolphin and Etting streets	200
Colored High and Training Annex	Dolphin street and Pennsylvania avenue	540
Parental School	1205 Linden avenue	

REPORT

—OF THE—

Superintendent of Public Instruction.

BALTIMORE, February 2, 1905.

To the Board of School Commissioners:

GENTLEMEN: I have the honor to submit the Seventy-sixth Annual Report of the schools under your charge.

The work of the year has been characterized by steady, quiet progress. There have been no marked innovations, and no incidents calling for extended mention.

THE ELEMENTARY SCHOOLS.

All good teachers feel secure in their positions, and, with minds free from anxiety on that score, are giving their attention, when in the school room, to the best possible way of doing their work. In my opinion the results are such as to justify the city in making a general advance of the salaries of grade teachers. Every city will get in the long run just as much excellence in the instruction of its children as it is willing to pay for. Avenues of profitable employment for women as well as for men are so much more numerous than they formerly were that the service stands in danger of ultimate deterioration by failing to attract young men and women of superior ability. In discussing salaries it must be remembered that the cost of living has advanced so materially that $600 will go but little, if any further, than $504 did a few years ago. It is impossible to estimate the value to a community of the services of a skillful and devoted teacher, therefore, no city has ever paid the full value of such service; but it is possible to estimate what it

costs to live at a standard appropriate to the teacher's position, and Baltimore ought to be willing, and I believe is willing, to pay such a salary. Those in the system recognize the fact that service must be rendered that is satisfactory to the Board and public before there can be a just claim to increased compensation. The claim may safely be based on quality of service. Four and a-half years of careful observation and comparison enable me to make for a very large proportion of the 1,434 teachers in our elementary schools the claim of efficiency. I, therefore, renew practically the same recommendation that I made a year ago: that the salary of every efficient teacher in the elementary schools, who now receives $504, be advanced to $600, and that this advance be made without examination and on record of efficiency alone; that the $600 salary be open to all new teachers on the following terms: They must have arrived at the $504 salary under existing rules. Then upon formal approval of their work they may advance to the $600 salary by two annual increments of $48 each; that teachers now receiving the $600 salary, as the result of record of efficiency and examination, be advanced to $700 without further examination, and that vacancies in this class be filled as heretofore by efficiency record and examination as specified in Article XI of the rules; and that this salary be offered to a larger number of teachers than are now enjoying it so that every teacher who develops superior skill may be sure of ultimate promotion to this list. I do not present this elementary salary schedule as adequate, but as one which the city is plainly able to establish at the beginning of the next calendar year.

Unless so much, at least, is done to increase the attractiveness of teaching, we shall find year by year the most talented of our high school graduates seeking other vocations and leaving the training of the young to those less capable. To permit this to occur would be to invite gradual deterioration in a department which is fundamental to the progress and prosperity of the community. To increase salaries without the most careful regard to merit, but wholly on basis of years of service

would equally tend toward deterioration of the service. New York, Boston, Chicago, St. Louis, Cleveland, and many other cities, large and small, have for several years promoted teachers on a merit basis. All indications point to the universal use of the merit plan.

I quote from *Intelligence* of January first, as follows: "Within the last few weeks there have been added to educational history two notable examples of advancement in the administration of city school systems. The two cities in which this advancement has been made are Milwaukee and Pittsburg. In both these cities up to the presnt time the scale of teachers' salaries has been based wholly on the flight of time, the simple length of service in years.

"It is the general conviction of the educational profession that the promotion of teachers should be based on merit. The success of the teacher in previous work and the progress which the teacher can show both in scholarship and teacing ability constitute the only sane basis of advancement. But somehow school administrators are slow to adopt in practice a principle which good judgment endorses and which maintains easily in the business and industrial world.

"The cities of Milwaukee and Pittsburg have adopted a most potent means for raising the professional standard of their teaching bodies by putting into operation a rational method of promotion. Such a plan offers each teacher the possibility of sure recognition and suitable reward on the basis of the quality and competence of his or her service, thus holding out to the teacher the inducement to improve in scholarship and teaching proficiency."

The elementary school salary schedule is not the only one that needs revision, but I need not do more than refer to other schedules in this general way as they are already engaging your attention.

THE SECONDARY SCHOOLS.

These schools are increasing in enrollment, in efficiency and in popularity. In June last the City College graduated the

largest class in its history, one hundred and thirteen receiving diplomas of the school. The later record of members of former classes has been creditable. Of all the Hopkins scholarships open to Baltimore students, nearly all have been won by City College boys. This fact speaks well for their earnestness and their habits of study.

The Baltimore Polytechnic Institute has outgrown its present quarters. I desire to commend most highly the work of this school. Comparatively few people in Baltimore realize how great a part it is performing, and is in future destined to perform in fitting young men for the higher positions in industrial undertakings. So readily do its graduates secure positions that each year on graduation day it has had to be explained that several, who are entitled to diplomas, are not present to receive them because they have already secured remunerative employment. Those who go to the higher technical colleges save a full year of residence away from home by reason of the thorough and comprehensive course pursued in the home school.

The Western High School has outgrown the building in which it is housed, while the Eastern also is full. These two schools furnish the great majority of the teachers for our elementary schools. All of our high schools, except the City College, are sadly deficient in means for safeguarding the physical development of the pupils. Dr. Lilian Welsh, one of the Board's physicians appointed to report upon the physical fitness of candidates for positions as teachers, finds striking evidence of the neglect of proper gymnastic work for girls in the narrow chests and small lung capacity of most of our graduates who come up for examination as compared with the better physical development of those who come from schools in which daily gymnasium work is a part of the course. The Principal of the Training School for Teachers has also noticed that our girls have not the endurance that girls in the vigor of young womanhood ought to have. She attributes this to the long course of sedentary school work unrelieved by properly directed exercise. The four years spent in the high school are just the years when

systematic physical training is most needed. These two observations call attention to a serious defect in our educational scheme for girls, but it is one which has seemed to be beyond our control until the new Eastern High School shall have been completed and the contemplated addition made to the Western High School. Might we not, however, use portable school buildings for this purpose until permanent improvements are available? Surely this would be better than to allow class after class thus to neglect the body while we are waiting for thoroughly equipped gymnasiums. I recommend, that we install such apparatus as is most necessary in two portable school houses, one to be placed in the yard of each school, and that we do this as soon as possible. The apparatus can later be used in the regular gymnasiums.

The Colored High School is now ready to carry on the industrial course outlined in my last annual report. This course is limited to two years. It aims to give those students, boys and girls, who cannot complete a full high school course, such vocational training as will enable them to secure remunerative work. The certificate given as evidence of the completion of this course will show that its holder has a fair English education, and that he can do some kind of work well. Students who show aptitude for the full high school course are encouraged to continue. Many of them will be needed as teachers, but all who cannot with advantage to themselves pursue the full course are advised to go into the shorter industrial course.

SPECIAL SUBJECTS.

Sewing is taught as an industrial subject in Grades 3, 4, 5, 6 and 8 by twenty-six special teachers and one supervisor.

Girls of seventh grade substitute cooking for sewing. I recommend that the scope of this work be enlarged so as to include household economics, including lessons in house sanitation and marketing. This work should occupy a part of the eighth year. Sewing might well be continued during this year as a parallel course. At present there are five cooking schools

in operation. Two of them are used but half of each week. By offering cooking lessons to girls of the sixth grade in portions of the city where children leave school early both of these centers could be used the entire time. During the past year 1,386 girls of the seventh grade have received instruction once each week at the cooking schools.

The following schools send pupils to the cooking schools: Nos. 1, 9, 30, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 60, 61, 62, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 84, 92, 93, 94, 95 and 99.

No provision was made to send pupils from the following schools to the Cooking Schools: Nos. 55, 58, 59, 63, 64, 65, 66, 68, 79, 101, 106, 107, 108, 110, 112, 113, 115, 116 and 119.

During the past year 849 boys of the seventh grade, and 530 boys of the eighth grade have received instruction once each week at the Manual Training Centers.

The following schools send pupils to the Manual Training Centers: Nos. 1, 44, 45, 46, 51, 52, 54, 60, 61, 62, 71, 74, 75, 78, 79, 80, 81, 82, 84, 92, 94, 95, 99.

No provision was made to send pupils from the following schools to the Manual Training Centers: Nos. 63, 65, 66, 68, 70, 76, 96, 55, 58, 59, 64, 101, 106, 107, 108, 109, 110, 112, 113, 115, 116 and 118.

The work in the Centers is being correlated to a great extent with the drawing; where it is possible, the individuality of the pupil is brought out, first, in the design; second, in the construction; third, in the decoration, the latter to the extent of carrying the finished piece back to the school, consulting the teacher of drawing as to the proper manner of decorating it.

Provision has been made in the Polytechnic Institute whereby the boys from the Teachers' Training School receive instruction in manual training forty minutes each week.

The chief effort for this year has been to encourage the introduction of manual training in its simpler forms, in the lower grades of our schools. The demand for instruction by

the grade teachers has been so great that volunteer classes have been formed for each afternoon in the week. Mr. Gaither, Supervisor of Manual Training Centers, has taught these classes. Whenever the necessary equipment has been obtaniable, the teachers have given to the pupils below the seventh grade the benefit of these instructions.

The work in music, drawing and gymnastics is done largely by the regular teachers assisted and advised by the supervisors who visit the classes from time to time to give such individual help as may be needed. They also meet the regular teachers for class instruction when necessary.

Miss Helen Place, Supervisor of Music until June 30th last, resigned at that time to accept an attractive position at Teachers' College, New York. I desire here to record my appreciation of the high standard of supervision which she set and maintained during the three successful years of her connection with the schools of Baltimore. The choice of Miss Henrietta G. Baker as Supervisor of Music to succeed Miss Place has proved to be a happy one.

THE ENLARGED SCOPE OF SCHOOL TRAINING.

The ordinary environment of the city child, particularly in crowded sections far from the suburbs, is of such a nature as to train some of the senses to alertness, even to over alertness, but, on the whole, to leave undeveloped many of the most desirable traits of mind, and to close whole fields of experience that are essential to the proper understanding of what we wish him to learn from books and teachers. Much of our instruction is wasted merely because the child has no adequate experience by which to interpret what we seek to teach. Convincing examples are at hand even in the more favored portions of the city. To give a concrete basis for instruction, to enlarge experience, and to afford a practical bearing to school instruction so that it shall have as many points of contact as possible with life outside the school, Manual Training in various forms has found a useful place in the curriculum. Sewing and cooking

are taught to girls while the boys have simple construction work in the school room or in the shop. In two selected schools of this city, No. 106, Hill street near Sharp, and No. 47, Eastern avenue and Patuxent street, this work is about to be emphasized to such an extent as to make it truly industrial. Many children drop out of these schools early, in the one case, largely through lack of appreciation of the value of an education, and, in the other, through the need of securing work. The trial in these two schools will furnish data to determine the policy to be pursued in other schools of like character.

Children should be held in school as long as possible after the law allows them to drop out, but when they do stop going to school, especially if this occurs at an early age, they should possess either some little skill in productive industry or such manual dexterity as will enable them quickly to acquire the special skill needed. Strictly vocational training should be put off as long as possible, but vocational training affords just as fitting a close to a limited educational career as does the higher technical training which the college graduate gives himself if he wishes to become a physician, or an engineer, a teacher, or a lawyer. Whenever and wherever school training stops, the individual who has been taught should have been taught to do something with a reasonable degree of skill. To hold pupils in school till they get educated to such an extent that their vocational training may be of a high order is evidently an important duty. The School Attendance Law keeps the child in school for a few years. It is most important in these years that he shall get something that seems so well worth while that he will continue in school after the law ceases to be operative in his case. This requires that the traditional attitude of the child toward school be changed: the poet's conception embodied in such expressions as "unwilling feet," and the long vocabulary of expressions denoting youth's reluctance to go to school. is no longer generally the correct conception. In our best schools children are happy because profitably occupied—profitably

from the the child's standpoint. This change in the conception of profitable occupation from the adult standpoint to the child's standpoint marks the greatest change that has come over school work in recent times.

With little children play is utilized even in school hours to great advantage as a means of education along the line of initiative, exact observance of directions, alertness, leadership, physical development, etc. For older children the playground with its organized games in which teachers take an interest with the pupils is an educational resource of very great value. Our most successful disciplinarians are those who forestall trouble by directing the tremendous energies of children on the playground.

One of the Principals, Mr. Thomas Bruff, of Group M, gives in his report an instance of what has been done along this line as follows: "In School No. 4, an 'After School Recreation Association' has been formed. After the school has been dismissed for the day, children having parents' permission may remain for plays, games, etc. The plays are directed in the yards in clear weather, and on inclement days, in the two vacant kindergarten rooms on the third floor.

"Good behavior is the only qualification for membership and good order has been the rule. The limited space inside and outside hampers the work. Sometimes more than two hundred children remain and it is pathetic to observe their lack of self-direction, and their joy in being taught the things that come naturally to most children. The building is kept open until dusk with one of the regular teachers in charge. The whole faculty share in this duty, and have voluntarily assumed it as missionary work. A young lady who is a graduate of the Training School directs the games and plays. She is also a volunteer worker, not even receiving pay for her services. Conditions here make the playground almost as necessary as the school. This section has a water front on two sides, is crossed by a network of railroads, steam and electric, besides being the

great commercial center of the city. To play on these busy and congested streets is not only dangerous, but there are other reasons for making it more objectionable. Here is a large foreign population of many nationalities with manners and customs brought from abroad, waiting to be Americanized through the public schools. It would seem a good investment for the State and city to adopt all means for its rapid accomplishment. To make the school a social center for young and old appears to be the solution of this perplexing problem, at least this has been the experience of the other large cities."

The school garden affords another means of making the school practical from the child's standpoint. Eleven of our schools have gardens of greater or less extent in which the children take the greatest delight.

In an address before the Harvard Summer School in 1904, President Eliot used these words: "Is it not strange that the introduction of the study of nature into schools and colleges should have been reserved for the nineteenth century? Is it not stranger still that the garden as a means of teaching children should never have been used in public school system till within the last few years? The blackboard is an old invention like the sand table, but how does it compare with a garden plot as a means of teaching the critical discernment of beauty and excellence?"

To show that the school garden is eminently practical as an educational instrument from the adult standpoint of the essentials, the "Three R's," as well as from the child's standpoint, an account of work is here given, as written at my request by Miss Persis Miller, of the Training School for Teachers, who reports the work done by children of third and fourth grades (practice classes), School No. 33, Light and Clement streets, Miss Lida Tall, critic teacher, in their gardens at Riverside Park. Miss Miller gives some of the concrete examples worked out by the children in their arithmetic periods, some spelling lessons, language work and geography work.

STATISTICS.

Until this year I have given little attention to statistics, too little it would appear, since careful examination of records of enrollment, membership and even average attendance reported from the one hundred or more schools nows discloses differences in methods of computation so great as to make comparison of statistics year by year of little value. School bookkeeping ought not to engross the attention of teacher, principal or Superintendent, but there is some value in accurate records which should be realized. Heretofore so many vital interests have pressed for attention that there has been no time to make careful study of the statistics which teachers have been accustomed to present at the end of the year. When study of statistics was taken up, many inaccuracies were discovered, but they were due not so much to carelessness as to lack of any rule to secure uniformity. It was found, for instance, that as computed, "Number Belonging" meant one thing in one school and quite a different thing in another school, the difference depending upon the teachers' idea of how long an absent pupil's name should be retained. There was no rule to determine this. The rule recently adopted by you is quite generally followed throughout the United States. Hereafter, the terms "Total Roll," "Number Belonging" and "Average Attendance" will mean on our records just what they mean elsewhere, and will have the same meaning in each school in the city. It is believed that the records for 1904 are fairly reliable. An application of present rules to the records of 1903 shows the total roll reported for that year to include considerable duplicate enrollment on account of improperly recorded transfers. The average attendance of that year reported month by month from the several schools does not agree with the total average attendance computed from the reports at the end of the year. The discrepancy is 1,103, making the average attendance for 1903, 54,240; average attendance 1904, 55,156; increase, 916.

Teachers have become accustomed to the class record book, and they now understand the importance of keeping with ac-

curacy this book of original entry. The validity of all school attendance records depends upon the faithful performance of this uninteresting but important work. Each Vice-Principal will be held responsible for the frequent inspection of all class books kept in his school. Blank forms have been devised which, without entailing undue labor, will serve to keep the office supplied with exact and reliable data as to the attendance at each school. It will not be possible to correct all errors in records of past years, but it is highly important that records now making shall be reliable, and this will be the case if forms now furnished are used as directed.

The comparatively small increase in average attendance for 1904 over 1903, 916 pupils, may have some connection with the great fire. Ordinarily the average attendance for February of any year is greater than for January. In 1903 the average attendance in all schools for February was 511 greater than in the preceding month, while in 1904, the February reports showed a decided falling off in the average attendance, the net decrease amounting to more than 1,000. The decreased attendance for February was most noticeable in groups along the edge of the burned district. Group B shows a decrease of 103, Group D, 216, Group G, 154, Group M, 146, Group A, 113, Group C, 79. Under normal conditions these groups, like others, show an average attendance for February in excess of that for January. In these groups adjoining the fire district, the decrease in attendance was more or less permanent for the year. In no one of the groups did the attendance fully recover until the close of the summer vacation. Under normal conditions I am confident that the usual annual increase in attendance, about 1,500, would have appeared in our records.

Attention is called to the tables and papers accompanying this report.

Respectfully submitted,

James H. Van Sickle,
Superintendent.

TEACHERS' TRAINING SCHOOL,
BALTIMORE, MD., December 23, 1904.

JAMES H. VAN SICKLE,
Supt. City Schools, Baltimore, Md.:

DEAR SIR—I beg to submit the following report of work done by children of Third and Fourth Grades, Critic School at No. 33, Light and Clement Streets, Miss Lida Tall, critic teacher, in their gardens at Riverside Park.

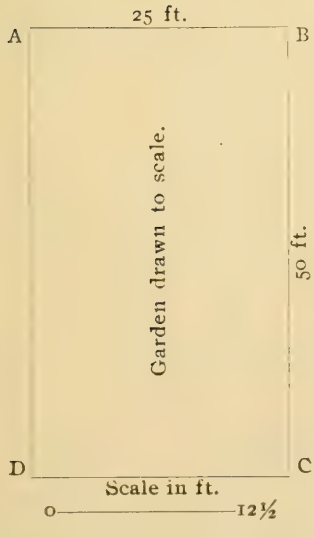
It is the special purpose of this report to show the relation between studies generally accepted as regular school work and garden work; or, in other words, to show that garden work, carried on intelligently, necessitates a thorough teaching in the Three R's.

I submit on the following pages some of the concrete examples worked out by the children in their arithmetic periods, spelling lessons, language work, and geography work.

ARITHMETIC.

FIRST SET OF PROBLEMS.

Estimating dimensions of garden by pacing.



1. Children lay off a rod in the school yard.

2. Taking steps the natural length, how many to the rod?

3. Continue to use pacing, with a measure test, until fairly accurate.

4. Pace the garden. How many rods long is it? How many rods wide?

This garden is 50 ft. long, so close to 3 rods that there is no difference appreciable in pacing.

It is 25 ft. wide, which demands a sensible use of fractions. There is one full rod and only part of another—what part? The actual figures show it to be a fraction, 17-33, which means very little even to the average adult, but the child who is estimating paces the whole rod, steps back, sees what part the remainder is of the rod already paced and says at once, "One-half."

He has now estimated the garden to be 3 rods long by 1½ rods wide.

SECOND SET OF PROBLEMS.

Verifying or correcting estimated dimensions of the garden.

(The carpenters' tape line was used, so the following dimensions were in feet.)

50 ft. by 25 ft.

Reduce this to rods.

50 ft.—how many rods?

This did not trouble the children in the least, they said at once, 3x16½ ft.—49½ ft.

Therefore, there are 3 rods and ½ ft., or 6 in., in the length of the garden.

Their estimation of the length was verified.

25 ft.—how many rods?

The children at once worked this without difficulty as follows:

25 ft. make a full rod with 8½ ft. remaining.

8¼ ft. are ½ of 16½ ft.

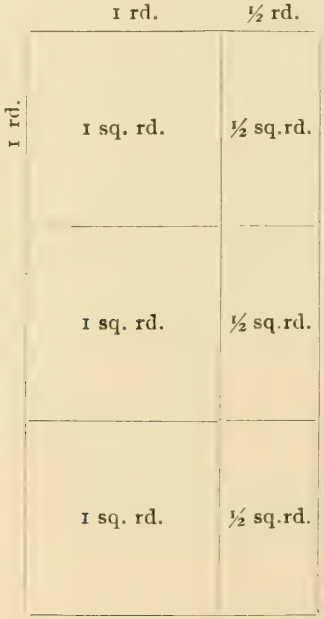
Therefore, there are 1½ rods in the width of the garden.

Their estimation of the width of the garden was verified.

THIRD SET OF PROBLEMS.

How many square rods in the garden?

This was worked out with the plat itself, the following diagram illustrating the process:



1. Mark off a rod on the length of the garden.
2. Mark off a square rod.
3. How many square rods along the entire length?
4. The children mark off the square rods along the entire length. (See diagram, p. 34.)
5. What part of a square rod is the portion left over? (See diagram, p. 34.)
6. The children saw that the portion remaining was ½ that measured, or 1½ rods.
7. Therefore the plat contained 4½ square rods.
8. The garden was then drawn to scale, the children deciding to have one inch represent a rod. (See diagram, p. 34.)

This problem in finding area when length and breadth are given is a type of many found in all text books in arithmetic. It is interesting to follow its working out when it is used as a text book example, compare its process with that of the one used when the real thing is considered, and to judge of the lasting value of the two. As a text-book problem it must be stated and solved somewhat as follows:

How many square rods in a garden 25 ft. wide by 50 ft. long?

25 sq. ft.
50

1250 sq. ft. in garden.

9 sq. ft. in one sq. yd.
30¼ sq. yd. in one sq. rd.

9 sq. ft.
30¼

2 ¼
270

272 ¼ sq. ft. in one sq. rd.

272¼ sq. ft.) 1250 sq. ft. (

272¼ sq. ft. = $\frac{1089}{4}$ sq. ft.

$$\frac{1250}{1} \div \frac{1089}{4} = \frac{1250}{1} \times \frac{4}{1089} \text{ or } \frac{5000}{1089}$$

1089) 5000 (4 $\frac{644}{1089}$ times; therefore 4 $\frac{644}{1089}$ sq. rd.

4356

644

This is, I think, a fair illustration of the example worked out in the usual way.

And what did it mean after it was done but a juggling with figures where we went on our wild career through such an example, staggering under the weight of fractions, but triumphant if, at last, the answer matched the one in the back of the book; totally innocent of what a rod or a square rod might be to the last, never questioning it in fact. We "had our example right," which was all any well regulated child or teacher could require. We had even put down the names.

FOURTH SET OF PROBLEMS.

Problems connected with platting into individual gardens.

1. Lay out a 3-ft. walk the entire length of the garden. How far from the corners shall the stakes on which the cord is stretched be set?

This was solved by the children, enthusiastically and without hesitation, in the following two ways as they stood with stakes and tape lines in hand.

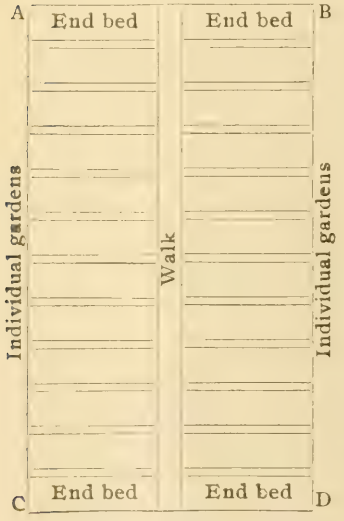
(*a.*) 12½ ft. from the corners A and B; C and D (p. 36) is the middle of the walk. Set the stakes 1½ ft. each side this middle point.

(*b.*) 12½ ft., the middle point of the walk, less 1½ ft., the part that must come off each side, is 11 ft. Set the stakes 11 ft. from the corners A and B; C and D.

2. Lay off a bed 2 ft. wide along the entire length of one end; a bed 1½ ft. wide along the entire length of the other end.

3. The remainder of the garden is to be divided among 20 children. Between the individual gardens and between the individual garden and the end-bed walks 1½ ft. wide are to extend. How long and how wide can each child make his garden?

One child drew the following diagram on the board. The boy who did this had been notorious for the poor quality of his written work, but this diagram was a model of neatness and clearness. "There was some sense in that; it wasn't going to be put into the waste basket," was his reason for the change.



To find the length of each garden was very simple, and the class agreed on 11 feet at once, although the result was obtained in different ways, showing they were thinking independently. The following are two of these ways:

a. 25 ft.
3 ft. (Walk.)
2)22 ft. (To be put into garden.)
11 (Length of bed.)

b. 12½ ft.
1½ ft.
11 ft. (Length of bed.)

The width, however, was more complicated. How many times did a foot and a half come out?

Each child must show his figures and prove his right to his claim. This meant that not only must he have his own rights clearly in mind, but that he must be able to demonstrate them to the satisfaction of he class. It finally resolved itself into the following:

1½ ft.	
11	
16½ ft.	(To come out for walks.)
3½ ft.	(To come out for end beds.)
20 ft.	(To come out in all.)
50 ft.	
20 ft.	
10)30 ft.	(To be divided into gardens.)
3 ft.	(The width of a garden.)

But let no one suppose that the result came smoothly and easily as is indicated here. Frank, the boy to the extreme left in picture No. 1, who put the diagram on the board did so under the sharpest supervision of the rest of the class which out-sharpened the sharpness of any teacher's efforts along that line. "Eleven walks for the ten beds—that should be ten walks." And not a child accepted the board diagram without working one out first for himself. *He wanted all the land he could get;* and few line fences are contested with more earnestness than the exact boundary lines of these gardens. Two days passed before it was finally adjusted, and then only after proof indisputable was presented through diagram and clearly worded argument. Woe betide the teacher who had tried to settle that question by right of her authority. No one there thought of borrowing answers from his next door neighbor; such an offer was refused with scant ceremony.

We hear oftentimes of the effort—tussle it became—of the young man of the old district schools who grappled for days with a hard example in arithmetic, but so far as I know there are no records of whole classes being thus affected—it seems they were willing to accept the solution reached by the class genius. But with earnest faces and tousled heads this class of little children refused to accept anything from a class mate except *a proof* that he himself was wrong. There was certainly as much stretching of brain fibres in proportion to his size for the little man of the Third Grade as for the big one of the old district school with a vast gain in the number affected.

Plans for individual gardens.

Arithmetic work now becomes individual as each child plans his own garden. The following are types of problems that must be solved.

If a border is desired, how many plants are required, setting them 6 inches apart?

How many dahlias will fill the remainder of the bed? (Dahlias are set 3 feet apart.)

How many rows of beets? (Beets are sowed in drills 1 foot apart), etc.

Since each child plans his own garden, with the help of the teacher, he has a number of these problems to work before he can plan his work or order his seeds.

The foregoing are problems necessary to the work as we have heretofore managed our gardens. We have not saved seeds which will require weighing into packages; neither have we, as yet, sold our garden produce, which will involve keeping accounts and banking our money. We have only made a start in this work, but we realize the possibilities beyond our present plans.

LANGUAGE.

If we concede that the putting content into words is a legitimate language exercise then the work in arithmetic which makes rod mean something beside the mere word rod suggests what garden work does for this side of language. It will be seen that this has a long something beside the mere word rod suggests what garden work language work the training in the ability to express oneself in clear concise terms which are incapable of more than one construction, then we must look to earnest debate or controversy for training. Again instance the part of the foregong arithmetic which involved finding the size of individual gardens.

But even if we admit only the work so-called language in the schools, the writing of compositions, letters, etc., familiarity with concise forms used in making out bills, etc., we submit for your consideration the following, used in relation to garden work.

As has been elsewhere mentioned, the children made individual plans for their gardens, deciding on the kinds of vegetables and flowers they would like to grow. Before doing this they naturally wished to consult seed catalogues, compare them with the garden packets sent out by the Department of Agriculture at Washington, and letters must be written to obtain these books. They must be business letters, brief and to the point, with the accredited business forms. The entire class received instruction during language period. Each wrote a letter, which he read, and the class selected the best one, which was typewritten, to make it thoroughly up-to-date in business usage.

A number of these real letters to real persons are necessary before the lists of seeds can be made, giving more than usual amount of drill in this form of letter writing. But the training in business forms and customs does not end here. They receive answers, whose promptness

is an object lesson in business transactions, and the letters themselves furnish models endowed with vitality. They are turned to good account before writing the set of orders for the seeds.

This necessary business correspondence, brief though it may seem, is more in quantity than the average language book provides for, and it has what a mere text-book cannot furnish, namely, the necessity of expressing oneself with clearness, because a real thing is coming in answer to this letter. And it is this very clearness, combined with brevity and courtesy, which is the essence of a business letter. But the greatest difference of all in the text-book way and the writing of letters because they are needed is noticed in the attitude of the children themselves toward this form of language; in the interest and earnest effort that they put into these letters which are going to a real somewhere to secure a real something.

Another form of letter writing has given the children great pleasure. It is a note accompanying a present of some of the fruits of the gardens. These gifts are made to all who have in any way assisted in the garden work, the superintendent of schools, who not only made the plan possible by his hearty co-operation, but actually found time to encourage everyone by a visit to the little gardens; the Park Superintendent, Mr. Wessler, who backed every step of the work, and park policemen who helped protect their property and lent a helping hand whenever it was possible—to these and to others it gave the children great pleasure to present some of the first fruits of the gardens. A little note accompanied each gift.

As with the business letters, the entire class wrote the notes, each was read by the writer to the class, the children decided which was best, and that note was sent. Only a glance at these notes was needed to convince one of the effort put forth in their behalf—every letter was round as a bullet; marks of punctuation were zealously and conspicuously cared for. They were not models of graceful expression, but they were simple and frank and childlike, and best effort was apparent in neatness, penmanship, punctuation, and expression; and it has been my experience that pleasure and interest and effort are not the usual portions of the letter-writing periods, when the forms in the books are copied with modified names, to go nowhere in particular. It makes so much difference whether it is the real thing, even in school.

Then there were the acknowledgements of the gifts—a hearty "thank you" from the ones they saw each day, a note from those they did not.

Somewhat over a year after the first radish crop was harvested and these presents made it was found that the children had a little

dark corner in a cupboard sacred to the two or three notes of acknowledgement they had received. The notes were thumbed and creased with much handling, tangible evidence of the interest of many children in these which will always serve them as models of notes of thanks for pleasures received. It is a rare thing, indeed, to find the letter forms in our language text-books blessed with such attention.

Of course it seems that in this work deep and good as the letter which expresses it, is the cultivation of the feeling which gives birth to the expression—the pleasure of giving even the simplest thing; these children live in a very crowded district, and the added pleasure of knowing our present is appreciated, which a note of acknowledgment tells us. These things which are the spirit that prompts social usage, would seem worth cultivating, *even if only for the sake of skillful teaching of the forms aimed at in the letter writing sections of language books by the very teachers who advocate a thorough instruction in such forms.*

Note books are kept, the most concise possible, of dates of planting, time of coming up, blossom, fruit, with any remarks that may be helpful for another year.

More subjects for compositions were here than could be used. Were descriptive articles desired—the children were ready to describe any plant in their gardens or insect and bird visitor—and couldn't possibly say half they wanted to in the time given them; in fact, we loved to do it. It also makes a difference whether "you have something to say or have to say something."

Of physical culture—best in the world, in the open air with sunshine around you, blue sky above you, and sweet fresh earth to healthen and hearten you—we are not to speak. It is not an R. Nor of drawing, even though one of the special drawing teachers, Miss Dysart, warmly seconded by Miss Keach, the Supervisor of Drawing, has through great expenditure of effort started flower-beds in some of the school yards feeling that even if there were no other reason, the children paint and draw so much better the things they have had some care of. But drawing, again, is not an R, therefore we exclude mention of it from this report.

GEOGRAPHY.

Even as teachers of Geography, we often fail to understand that beside the printed page in geography there still remains the map page to be read. Anything which we can do that will help us to interpret these maps—their scale, etc., is an aid to this subject. The best way to understand a map is to make one yourself. This, in its very simplest form, a child must do when he diagrams his garden plat to

scale (see p. 33), and when he takes an observation of the position of the sun and gets his points of compass thereby, indicating these points on his drawing, he takes another step in map making.

Other questions—slopes, their effects on drainage, soils, questions of time in the raising of food products, action of rain on soil, rain and sunshine on plant life, relation of certain forms of insect life to vegetable life, bird life in its economic aspects, etc., these things, fundamental in the subject of geography are reached almost unconsciously through constant object lessons in the gardens. It is also a fact, incredible and inexcusable as it may seem, that many of the children in our city schools have never seen soil prepared for the planting of seeds, never seen a seed planted, have no idea of the time and labor required to bring it to harvest. With how much intelligence such children are talking about "the rich alluvial soil," "the great grain farms of the northwest" must be left to the judgment of the reader. And also, if there is a better way of putting content into such work?

SPELLING.

The following is not a complete list of the words taught in connection with the garden work, but it serves to illustrate the relation between the two.

garden	geraniums	harrow
potatoes	sweet peas	soil
cabbage	dahlias	cultivate
turnips	coleus	till
radishes	nasturtiums	fertilizer
corn	candy tuft	manure
beets	bachelor buttons	fence
lettuce	sweet alyssum	pacing
beans	hoes	acre
pole beans	spades	square rod, sq. rd.
butterflies	rakes	weeds
earth worms	hand weeders	individual
marigolds	plow	dandelions

The ordinary words used in business and social notes and in descriptive articles.

In this report I have tried to correct a mistake which seems to be more or less prevalent as to the relation which this feature of Nature-Study bears to the regular school studies. To make it clear as possible that garden work does not attempt to usurp the place of the Three R's, but on the contrary that it demands a clearer, more sensible teaching of them in order to carry on this line of work with the intelligence necessary to its success. If this is not clear, it is not the fault of the

subject, but of the scribe, for after the same exposition was made through an informal talk to the mothers of the children of these grades one who had expressed a wish that her boy should not have a garden on the grounds that it was a fad, and she sent her son to school to learn, said at once, "If you have a waiting list for those gardens, put my son's name on it."

It will not be amiss, perhaps, to also call attention here to one or two phases of the work that received the recognition and the cordial approval of these same mothers.

First. The change of attitude when one has property and wishes to be protected, from that of the trespasser. The following is one of a number of instances that succeeded in doing this. The horse chestnut trees were in full bloom in the park when garden time came and the beautiful blossoms almost brushing the heads of the children as they passed were temptingly low—too temptingly low, sad to relate, for two little boys. Nothing was said to them at the time, but two or three days later one of the same little fellows was most indignant because some one had reached through the fence and taken some of his radishes—"He'd like to know what that park policeman was doing anyhow," when he received the guarded suggestion that quite likely that policeman was around watching the horse chestnut trees—not all the people in the park seemed to respect the rights of trees or gardens. That little boy is more law-abiding now, so are many others.

Second. The mothers themselves supplied the following, being started by one of their number who wished to explain why her son Lewis was keeping a school spade he had borrowed. The back yard was paved, she said, but he was so determined to have a border bed next the fence that they gave him permission to remove the bricks, but it was taking him some time. And then she added, "There isn't a dish in my house that has better care than that spade. He has polished it until you can see your face in it, and keeps it back of the stove every night for fear it might rust."

Another mother spoke of the three beds her little girl had laid out for neighbors and they were unanimous in their approval and appreciation of the hold this garden work had on the out-of-school activities of the children.

The mothers of our first gardeners gave us their hearty support when they saw the possibilities of this work, both as a factor in teaching the regular school studies as they understood them and as a means of moral training. While we appreciate that the moral support of those concerned is the most valuable backing possible, we are yet in urgent need of some financial help. Seeds and tools do not trouble us so much, we are helped by the Department of Agriculture at Washington and private contributions, but the necessary fertilizing and spading of the soil—this latter when grades below the Fifth work

the gardens—the two things which are absolutely indispensible to plant growth, we are without means of providing for a year or two until we can make our own compost heaps. We feel the more free to call this to your attention inasmuch as this work—the entire course in Nature-Study of which this is one factor—requires no text-books.

Could we have but part of the $50 required to man a class of fifty with Grammar School Geographies or $20 which must be spent to furnish it with readers this embarrassment would be relieved.

We plan to make these gardens nearly, or quite, self-supporting in two or three years' time, but in the meantime the need of this help is most imperative.

Respectfully submitted,

PERSIS K. MILLER.

REPORT OF ATTENDANCE WORK, 1904.

PREPARED UNDER THE DIRECTION OF THE SECOND ASSISTANT SUPERINTENDENT.

The work of the School Attendance Department has proceeded on the same lines as last year; the effort to secure cooperation with the parents must always remain the keystone of the work.

Every effort is made to have the attendance officers realize that a friendly relation, when possible, must be established with both parents and children, if really good results are to be obtained. When an attendance officer can make a parent or child understand that he has the welfare of the child at heart, there is no friction and good attendance is secured. This requires certain qualities in an officer—tact, sympthy and firmness—and also requires a larger number of officers than the law now provides; but excellent results are now attained when an officer develops the right spirit in his work.

There are, however, parents who, from indulgence or indifference towards their children, cannot be reached except by the strong arm of the law. The School Attendance Law of Baltimore enacts two penalties: A fine for the parent when he is the guilty party; and the Parental School, when the child is at fault. Both of these penalties have been put into effect within the past year with good results, not only upon the individual parent or child, but on the school community at

large. Both the Juvenile Court and the magistrates have shown sympathy with the *spirit* of the law, and have co-operated most fully to make it a success.

In many instances it has been found that the mother shields the child and the father is unaware of his truancy. Increased effort has been made by the school attendance officers to get into relation with the father in all difficult cases, and before any child is brought before the Juvenile Court, the father is seen by the officer, and frequently also by the Group Principal.

Last spring the Board of School Commissioners obtained from the Mayor and City Council an ordinance authorizing Parental Schools to be established, and empowered the Board to choose institutions to which habitual truants may be sent, till separate Parental Schools shall be established. Such a school has been located at Linden House, 1205 Linden avenue, the house of detention of the Henry Watson Children's Aid Society. The direction of the school is by the School Board, the managers and officers of the Henry Watson Society co-operating. November the 16, 1904, the school was opened by the commitment by the Juvenile Court of two habitual truants. The number has since been increased to six. Miss Anna E. Brennan, formerly of School No. 93, is the teacher. She has had great success in getting a real hold on the boys, although she is a strict disciplinarian. She understands boy nature, and is one of the best manual training teachers in the city. Miss Duvall, the matron of Linden House, has charge of the children after school hours. She looks carefully after their welfare, and has a most happy influence over children. A care-taker, under her direction, is the guardian of the boys, with them when at play, and sleeps in their dormitory. Saturdays the boys help in the household duties, and under direction take care of their dormitory. Though the school has been open but six weeks, the boys already show marked improvement both in their studies and behavior.

The chief difficulty in the work at present is the impossibility of the enforcement of the law with the older boys who will neither work nor go to school. Until a larger Parental

School can be established, really good work with these boys cannot be done, and the greatest number of truants come from this class. The difficulty with the colored children is two-fold. In most cases when the parent is at fault, and this is frequent, the financial condition of the family makes the fine too great a hardship. The irresponsibility of many colored parents and their poverty makes a Colored Parental School a necessity. It is my opinion that the community might be saved from much lawlessness by the proper training of the negro children in a Parental School. In such a school manual training and the habit of steady work should be made the chief features.

The proper care of the children at work requires the entire time of one attendance officer, but this is not possible at present with the small force. There is a growing appreciation among the employers of the working features of the School Attendance Law. In every instance when it has been represented to an employer that a child regularly employed is under twelve years of age, a prompt dismissal has followed, and a number of employers have asked for the enforcement of the law in their establishments.

In closing, the hearty co-operation of various benevolent societies and individuals is gratefully acknowledged.

Statistics of School Attendance Work for 1904:

No. of Absentees	29,638
" Transfer cards	6,156
" Truants	1,466
" Special cases	180
" New pupils put into Schools	72
" Parent cases	9
" Juvenile Court cases	7
Total	37,528
No. of working certificates perfected	1,526
" Letters of warning sent	190
" Ungraded classes	12

TABLES.

SUMMARY OF STATISTICS.

Population of Baltimore, "United States Census"	508,957
Basis of taxation	$334,144,151.00
School tax	.40$\frac{13}{16}$
Number of pupils belonging December 31, 1904	68,093
Average number of pupils belonging for the year 1904	65,389
Average attendance for the year 1904	55,156
Number of pupils enrolled during the year ending Dec. 31, 1904	81,582
Per cent. of attendance on average number belonging	84.3
Number of teachers December 31, 1904	1,692
Number of schools December 31, 1904	108

Tables Accompanying Superintendent's Report.

TABLE A.

Statement showing the Number of Male and Female Teachers and the Number of Pupils belonging December 31, 1904, the Average Number of Pupils belonging during the Year, and the Average Attendance for the Year, the per cent. of Attendance for the Year and the Total Number Enrolled during the Year.

Schools.	Teachers.		Number of Pupils Belonging December 31, 1904.	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Principal.							
Baltimore City College, Francis A. Soper.	25	.....	763	705	658	93	1085
Normal Dept., " " "	1	.....	7	8	8	100	15
Eastern High School, Wm. F. Wardenburg.	.....	16	462	418	373	89	650
Western High School, Henry S. West.	.....	29	1068	972	887	91	1452
Baltimore Polytechnic Institute, Wm. R. King.	20	.....	439	376	363	96	638
Col'd High and Training School, J. H. N. Waring.	9	19	297	285	277	97	400
Normal Dept., " "	.....	2	43	41	40	98	73
Teachers' Training School, Sarah C. Brooks.	.....	5	47	65	60	94	126
Totals	55	71	3126	2870	2666	93	4439

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils Belonging December 31, 1904.	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group A—School No. 3		17	684	663	586	88	777
" " 24		11	474	456	391	86	550
" " 38		7	300	268	225	84	350
" " 47	1	21	877	874	741	85	1173
Totals	1	56	2335	2261	1943	86	2850
Edwin Hebden, Principal.							
Group B—School No. 6		13	467	487	396	81	684
" " 23		14	560	565	473	84	799
" " 25		13	616	551	426	77	803
" " 42	2	20	824	804	696	87	1179
Totals	2	60	2467	2407	1991	81	3465
Basil Sollers, Principal.							
Group C—School No. 17		5	217	219	175	80	369
" " 28		11	428	429	371	87	580
" " 33		13	558	514	425	83	720
" " 35		11	470	449	375	83	574
" " 70	1	15	685	633	528	83	873
" " 84	2	19	936	866	750	87	1246
Totals	3	74	3294	3110	2624	85	4362
Joseph C. Hands, Principal.							
Group D—School No. 2		13	536	573	462	81	796
" " 8		14	652	659	526	80	930
" " 93	3	32	1497	1458	1207	83	1850
" " 108	1	2	279	209	202	73	402
Totals	4	61	2964	2899	2397	75	3978
Alexander Fairbank, Principal.							

TABLES ACCOMPANING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils belonging December 31, 1904.	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group E—School No. 13		12	535	513	422	82	709
" " 27		13	532	540	454	84	765
" " 77	1	17	726	726	648	88	1005
" " 83	2	19	962	915	815	89	1230
" " 97		8	316	295	260	90	371
Totals	3	69	3071	2990	2599	87	4180
Charles J. Koch, Principal.							
Group F—School No. 5		18	834	832	692	83	1194
" " 26		10	429	426	357	83	610
" " 71	1	14	653	597	505	85	945
" " 101	1	4	233	225	173	77	342
" " 111		14	628	550	374	69	801
Totals	2	60	2777	2630	2101	79	3892
Jacob Grape, Principal.							
Group G—School No. 7		11	606	545	444	81	667
" " 43		29	1224	1159	986	81	1475
" " 73		16	686	657	546	83	841
" " *100			532	442	439	79	740
" " 105	2	10	662	592	464	78	854
Totals	2	66	3710	3395	2879	85	4577
Elisha M. Jackson, Principal.							
Group H—School No. 16		13	464	456	405	89	695
" " 32		12	484	473	408	86	667
" " 45	2	12	563	569	502	88	858
" " 49		7	192	169	133	79	294
" " 113	3	10	651	619	500	81	847
Totals	5	54	2354	2286	1948	85	3361
Stephen A. Cremen, Principal.							

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils Belonging December 31, 1904	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group I—School No. 20		30	1207	1229	1025	83	1690
" " 74	2	22	1027	998	859	86	1420
" " 80	2	23	1000	955	832	87	1367
Totals	4	75	3234	3182	2716	85	4477
Wm. H. Tolson, Principal.							
Group J—School No. 37		15	685	668	549	82	998
" " 90	1	11	501	505	418	83	805
" " 94	1	27	1188	1155	1041	90	1508
" " 99	1	22	1012	932	835	90	1319
Totals	3	75	3386	3260	2843	86	4630
Frederick W. Miller, Principal.							
Group K—School No. 50		7	289	267	234	87	334
" " 51	1	21	905	902	764	84	1199
" " 52		5	151	157	135	86	239
" " 53		19	703	656	552	84	935
" " 54		17	742	705	601	85	1007
" " 115	2	1	242	224	183	81	313
Totals	3	70	3032	2911	2469	85	4027
Joseph Whittington, Principal.							
Group L—School No. 76		17	817	747	607	81	1038
John S. Black, Principal.							

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils Belonging December 31, 1904.	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group M—School No. 4	.....	15	560	587	501	89	841
" " 29	.....	10	341	366	300	82	565
" " 44	1	14	450	442	384	86	756
" " 92	1	19	774	785	699	89	969
" " 106	3	14	731	770	565	73	1025
Totals	5	72	2856	2950	2449	84	4156
Thomas C. Bruff, Principal.							
Group N—School No. 12	.....	16	665	658	546	82	926
" " 22	.....	14	543	526	437	83	758
" " 34	.....	14	651	617	481	78	913
" " 72	2	16	744	734	636	87	1074
" " 109	2	7	526	396	282	71	662
Totals	4	67	3129	2931	2382	80	4333
Judson Hunt, Principal.							
Group O—School No. 10	.....	11	443	439	351	80	533
" " 19	.....	17	827	777	630	81	1162
" " 30	.....	17	782	742	614	83	1033
" " 48	1	11	483	461	397	86	676
" " †114	.....	.....	332	316	200	63	870
Totals	1	56	2867	2735	2192	80	4274
Samuel Keller, Principal.							
Group P—School No. 66	.....	3	159	143	126	89	232
" " 67	.....	7	271	280	246	88	423
" " 68	1	14	531	513	450	88	715
" " 96	3	17	791	758	672	89	988
" " 98	.....	8	291	287	258	90	368
Totals	4	49	2043	1981	1752	88	2726
Rozell Berryman, Principal.							

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils Belonging December 31, 1904	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group Q—School No. 11	.....	24	1034	1024	859	82	1538
" " 63	2	12	467	457	392	83	615
" " 65	1	9	350	321	291	80	437
" " 78	1	16	698	696	624	86	991
Totals	4	61	2549	2498	2166	82	3581
Henry Zoller, Jr., Principal.							
Group R—School No. 15	.....	16	653	640	544	85	987
" " 31	.....	12	463	431	361	84	601
" " 39	.....	12	491	508	433	85	677
" " 75	1	22	883	870	776	89	1260
Totals	1	62	2490	2449	2114	86	3525
George W. Ebaugh, Principal.							
Group S—School No. 1	2	17	664	678	600	90	982
" " 9	.....	17	596	586	480	82	846
" " 82	1	8	252	260	233	90	399
" " 95	1	16	649	653	582	90	949
Totals	4	58	2161	2177	1895	88	3176
Charles A. A J. Miller, Principal.							
Group T—School No. 21	.....	13	498	465	384	83	658
" " 46	1	11	403	483	414	86	692
" " 79	1	17	681	709	612	85	1073
" " 91	1	11	365	367	309	84	590
Totals	3	52	1947	2024	1719	84	2113
Charles M. Elliott, Principal.							

TABLES ACCOMPANYING SUPERINTENDENT'S ROPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		Number of Pupils Belonging December 31, 1904.	Average Number of Pupils Belonging 1904.	Average Attendance for the Year.	Percentage of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.					
Group U—School No. 14	.....	12	588	514	439	85	689
" " 60	1	20	864	821	713	87	1114
" " 61	1	16	759	760	672	88	992
" " 81	2	14	575	569	494	87	810
Totals	4	62	2786	2664	2318	87	3605
Robert W. Elliott, Principal.							
Group V—School No. 59	1	2	94	90	79	88	126
" " 62	1	23	931	893	768	86	1299
" " 64	.....	5	188	166	147	89	240
" " 112	5	21	1398	1315	1068	81	1855
" " 118	5	6	688	582	463	80	896
Totals	12	57	3299	3046	2525	85	4416
W. Edward F. Taylor, Principal.							
Group W—School No. 55	1	22	1052	988	839	85	1361
" " 56	.....	7	262	237	198	84	373
" " 57	.....	6	213	194	166	85	280
" " 58	1	9	381	347	298	86	465
Totals	2	44	1908	1766	1501	85	2479
Mary E. Holmes, Principal.							
Colored Practice School No. 100	1	6	724	741	563	76	882
" " " 107	1	8	874	728	506	70	1155
" " " 110	4	11	1063	1020	740	72	1622
" " " 116	2	5	830	731	551	76	1216
Totals	8	30	3491	3220	2360	74	4875
J. H. N. Waring, Principal.							

* School No. 100 was taken from Group G during the year and the pupils distributed among other schools.

† School No. 114 was taken from Group O, changed to No. 100, and transferred to colored Group.

TABLE A—Continued.—RECAPITULATION.

SCHOOLS.	Number of Schools December, 1904.	NUMBER OF TEACHERS.			Number of Pupils Belonging December 31, 1904.	Average Number Belonging for the Year 1904.	Average Attendance for the Year 1904.	Per Cent. of Attendance, 1904.	Total Enrollment for the Year 1904.
		Men, 1904.	Women, 1904.	Total, 1904.					
Baltimore City College	1	26	.....	26	763	705	658	93	1,085
Eastern High School	1	2	16	18	462	418	373	89	650
Western High School	1	1	29	30	1,068	972	887	91	1,452
Baltimore Polytechnic Institute	1	22	.....	22	439	376	363	96	638
Colored High School	1	9	19	28	297	285	277	97	400
Training Department:									
Baltimore City College	....	1	.....	1	7	8	8	100	15
White Women	.....	.....	5	5	47	65	60	94	126
Colored Women	.....	.....	2	2	43	41	40	98	73
Secondary Schools	5	61	71	132	3,126	2,870	2,666	95	4,439
Group A	4	1	56	57	2,335	2,261	1,943	86	2,850
" B	4	2	60	62	2,467	2,407	1,991	81	3,050
" C	6	3	74	77	3,294	3,110	2,624	85	3,834
" D	4	4	61	65	2,964	2,899	2,397	75	3,469
" E	5	3	69	72	3,071	2,990	2,599	87	3,545
" F	5	2	60	62	2,777	2,630	2,101	79	3,323
" G	4	2	66	68	3,710	3,395	2,879	85	4,076
" H	5	5	54	59	2,354	2,286	1,948	85	2,878

Group I	3	4	75	79	3,234	3,182	2,716	85	3,752
" J	4	3	75	78	3,386	3,260	2,843	86	4,029
" K	6	3	70	73	3,032	2,911	2,469	85	3,554
" L	1	.....	17	17	817	747	607	81	1,038
" M	5	5	72	77	2,856	2,950	2,449	84	3,538
" N	5	4	67	71	3,129	2,931	2,382	80	3,685
" O	4	1	56	57	2,867	2,735	2,192	82	3,403
" P	5	4	49	53	2,043	1,981	1,752	88	2,400
" Q	4	4	61	65	2,549	2,498	2,166	82	3,174
" R	4	1	62	63	2,490	2,449	2,114	86	2,880
" S	4	4	58	62	2,161	2,177	1,895	88	2,688
" T	4	3	52	55	1 947	2,024	1,719	84	2,338
" U	4	4	62	66	2,786	2,664	2,318	87	3,222
" V	5	12	57	69	3,299	3,046	2,525	85	3,926
" W	4	2	44	46	1,908	1,766	1,501	85	2,180
Colored Practice Schools	4	8	40	48	3,491	3,220	2,360	74	4,311
Elementary Schools	103	84	1,417	1,501	64,967	62,519	52,490	86	77,143
Total	108	145	1,488	1,633	68,093	65,389	55,156	91	81,582
*Supervisors of Music	.....	.....	4	4	.....	.....	.....	.....	.....
Drawing Teachers	.....	.....	12	12	.....	.....	.....	.....	.....
Sewing Teachers	.....	.....	27	27	.....	.....	.....	.....	.....
Physical Training Teachers	.....	1	6	7	.....	.....	.....	.....	.....
Manual Training Teachers	.....	5	.....	5	.....	.....	.....	.....	.....
Cooking Teachers	.....	.....	4	4	.....	.....	.....	.....	.....
Grand Total	.....	151	1,541	1,692	.....	.....	.....	.....	.....

*Henrietta G. Baker, Supervisor.
Olivia Keach, "
Laura Davis, "
Carl A. Schulz, "

TABLES ACCOMPANING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

COLORED SCHOOLS.	TEACHERS.			Number of Pupils Belonging December, 1904	Average No. of Pupils Belonging December, 1904.	Average attendance for the Year.	Per cent. of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.	Totals.					
Colored High and Training School.*.....	9	19	28	297	285	277	97	400
School No. 100*.....	1	6	7	724	741	563	76	882
" 101.....	1	4	5	233	225	173	77	342
" 105*.....	2	10	12	662	596	464	78	957
" 106.....	3	14	17	731	770	565	73	1,025
" 107*.....	1	8	9	874	728	506	70	1,155
" 108*.....	1	2	3	279	209	202	73	402
" 109*.....	2	7	9	526	396	282	71	662
" 110*.....	4	11	15	1,063	1,020	740	72	1,622
" 111.....	.....	14	14	628	550	374	69	801
" 112*.....	5	21	26	1,398	1,315	1,068	81	1,855
" 113*.....	3	10	13	651	619	500	81	847
" 115*.....	2	1	3	242	224	183	81	313
" 116*.....	2	5	7	830	731	551	76	1,216
" 118*.....	5	6	11	688	582	463	80	896
Totals	41	138	179	9,826	8,991	6,911	77	13,375

White teachers—male, 4; female, 32; total, 36.

Colored teachers—male, 37; female, 106; total, 143.

Total number of teachers—male, 41; female, 138; total, 179.

*Schools taught by colored faculties.

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE A—Continued.

NIGHT SCHOOLS.	TEACHERS.			Number of Pupils Belonging December 31, 1904.	Average No. of Pupils Belonging, 1904.	Average Attendance for the Year.	Per cent. of Attendance for the Year.	Total Number Enrolled.
	Males.	Females.	Totals.					
Evening High School..	12	.....	12	387	337	226	67	1,214
Night School No. 30.....	4	.....	4	112	72	60	83	229
" " 42.....	5	2	7	215	175	146	83	499
" " 43.....	10	1	11	345	307	224	73	1,139
" " 44.....	4	.....	4	175	168	119	71	908
" " 55.....	4	2	6	153	145	131	90	289
Colored Evening High School.....	3	8	11	264	219	137	63	509
Colored Night School No. 101.....	4	.....	4	141	124	87	70	272
Colored Night School No. 106.....	3	.....	3	100	105	67	63	182
Colored Night School No. 112.....	3	1	4	140	121	90	74	157
Colored Night School No. 113.....	3	.....	3	95	84	59	70	148
Totals	55	14	69	2,127	1,857	1,345	72	5,546

Tables Accompanying the Superintendent's Report.

TABLE B.

Different Grades of Schools Compared.

	Year 1904	Year 1903	Increase.
Number of pupils in Baltimore City College	763	692	71
Number of pupils in Eastern High School	462	409	53
Number of pupils in Western High School	1,068	964	104
Number of pupils in Baltimore Polytechnic Institute	439	362	77
Number of pupils in Baltimore Colored High School	297	287	10
	3,029	2,714	315
Number of pupils in Training Department, B. C. C. (White Men)	7	8	
Number of pupils in Training Department (White Women)	47	88	
Number of pupils in Training Department (Colored)	43	40	
	3,126	2,850	
Elementary Schools	64,967	64,518	
Total	68,093	67,368	

TABLE BB.

Different Grades of Classes Compared.

	1904.	1903.	Inc.	Dec
Number of pupils in Fifth year	2	34		32
" " Fourth year	403	321	82	
" " Third year	513	471	41	
" " Second year	787	699	88	
" " First year	1,324	1,189	135	
Training Schools	97	136		39
Number of pupils in Eighth Grade	1,992	2,011		19
" " Seventh Grade	3,082	3,005	77	
" " Sixth Grade	4,611	4,487	124	
" " Fifth Grade	6,668	6,494	174	
" " Fourth Grade	8,701	8,885		184
" " Third Grade	10,456	10,259	197	
" " Second Grade	12,000	12,257		257
" " First Grade	16,676	17,120		444
Totals	67,312	67,368	918	975
Preparatory classes included in above	350	324	26	
Schools Transferred—Old No. 100 and No. 114 not included for entire year				

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE C.

Showing the number of Pupils and Teachers in the Public Schools belonging at the time of making the Report each year, from the year 1829, when the first Public School was opened, to the year 1904, inclusive.

This statement does not include Night Schools.

Date.	Teachers.	Pupils.	Date.	Teachers.	Pupils.
1829	3	269	1867	490	22,073
1830	5	402	1868	537	21 903
1831	5	627	1869	540	23,552
1832	5	640	1870	549	23,898
1833	5	544	1871	559	24,479
1834	8	859	1872	581	25,092
1835	8	747	1873	558	26,663
1836	8	814	1874	626	27,634
1837	8	659	1875	672	29,942
1838	8	675	1876	717	31,071
1839	16	1,126	1877	734	32,523
1840	22	1,834	1878	784	34,002
1841	27	2,331	1879	798	35,595
1842	28	2,464	1880	799	35,297
1843	30	2,669	1881	824	35,630
1844	38	3,366	1882	826	35,639
1845	52	4,313	1883	855	37,546
1846	65	5,087	1884	893	38,618
1847	90	6,439	1885	930	39,828
1848	100	6,696	1886	972	39,779
1849	110	6,763	1887	994	41,199
1850	119	7,093	1888	1,119	46,521
1851	138	8,011	1889	1,187	48,850
1852	175	9,081	1890	1.244	50,899
1853	186	9,447	1891	1,301	52,543
1854	207	9,717	1892	1,382	54,406
1855	217	10,588	1893	1,464	57,048
1856	238	11,441	1894	1,557	59,808
1857	245	11,269	1895	1,614	61,271
1858	256	11,587	1896	1,719	63,087
1859	267	11,750	1897	1,794	64,602
1860	284	13,186	1898	1,827	65,170
1861	295	13,424	1899	1,802	65,289
1862	311	13,888	1900	1,676	64,720
1863	333	14,847	1901	1,647	64,918
1864	343	15,319	1902	1,679	66,399
1865	366	15,957	1903	1,689	67,368
1866	402	17,550	1904	1,692	68,093

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE D.

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF—																	Totals.
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22 and over	
Baltimore City College								8	37	126	191	187	124	71	13	5	1		763
Training School (White Men)													1	2	4				7
Eastern High School							1	3	22	82	117	110	72	51	4				462
Western High School								4	37	174	249	263	188	104	40	7	2		1068
Balto. Polytechnic Inst.								2	19	56	126	120	64	31	18	2	1		439
Teachers' Training School (White)													8	18	13	2	3	3	47
Colored High School									1	13	35	52	76	68	35	13	3	1	297
Colored Training School														4	8	11	7	13	43
Totals							1	17	116	451	718	732	533	349	135	40	17	17	3126
Group A	39	261	291	290	309	315	293	234	156	91	45	8	3						2335
" B	63	304	330	282	295	283	304	273	199	97	29	5	2	1					2467
" C	94	386	373	378	433	438	415	326	282	99	56	11	2	1					3294
" D	44	315	377	422	420	457	364	271	177	90	24	3							2964
" E	50	350	404	353	388	395	347	343	251	128	51	10	1						3071
" F	37	298	282	319	366	346	335	286	254	140	78	28	7	1					2777
" G	80	419	374	406	397	397	388	353	224	92	40	7		1					3178
" H	46	207	242	266	270	309	257	259	235	167	53	33	6	2	1	1			2354

" I	32	245	312	372	379	344	387	403	367	249	108	31	5					3234
" J	33	328	441	424	461	474	422	365	266	133	32	7						3386
" K	69	239	334	353	351	392	366	326	277	195	108	32	11	5				3058
" L	6	128	92	116	105	128	87	78	55	18	2	2						817
" M	86	278	308	323	383	375	347	320	230	148	49	17	2					2866
" N	19	346	386	370	389	458	378	345	241	139	45	10	2	1				3129
" O	40	233	369	309	304	280	300	275	210	130	64	13	2	1				2530
" P	14	182	268	275	269	241	244	238	169	89	35	14	2					2043
" Q	37	304	321	347	278	290	270	252	228	147	56	16	3	1				2550
" R	41	205	241	278	297	310	314	298	240	156	85	23	1		1			2490
" S	21	195	232	217	258	238	258	267	216	152	85	19	1	1	1			2161
" T	20	154	189	212	193	224	250	244	333	141	67	16	3	1				1947
" U	33	241	219	244	297	348	373	343	334	219	106	27	2					2786
" V	105	309	343	373	341	376	354	361	321	217	140	47	5	1				3299
" W	59	226	250	242	240	238	227	177	121	84	28	15	1					1908
Colored Practice Group	91	303	322	347	411	462	337	421	313	247	163	80	35	9	1			3542
Totals	1159	6456	7300	7518	7840	8121	7617	7058	5599	3368	1549	474	96	26	4	1		64186
Grand Totals																		67312
Schools 100, 114, 103																		781
																		68093

TABLE E.

STATEMENT SHOWING NUMBER OF PUPILS IN EACH GRADE.

SECONDARY SCHOOLS.	Fifth Year.		Fourth Year.		Third Year.		Second Year.		First Year.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Baltimore City College			103		130		201		329		763		763
Normal Department, B. C. C.									7		7		7
Eastern High School				67		76		117		202		462	462
Western High School		2		160		177		289		440		1068	1068
Baltimore Polytechnic Institute			31		75		101		232		439		439
Colored High School			13	29	18	37	27	52	35	86	93	204	297
Normal Department Colored High and Training School							6	17	8	12	14	29	43
Training Department, White Women										47		47	47
Totals		2	147	256	223	290	335	475	611	787	1316	1810	3126

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE E—Continued.

SCHOOLS.	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group A—School No. 3...	125	139	101	111	106	102	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	332	352	684
" " 24...	91	105	82	60	66	70	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	239	235	474
" " 38...	70	62	44	42	38	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	152	148	300
" " 47...	.....	.....	.....	.....	.....	.....	182	137	134	126	76	71	44	50	24	33	460	417	877
	286	306	227	213	210	216	182	137	134	126	76	71	44	50	24	33	1183	1152	2335
Group B—School No. 6...	110	79	86	77	52	63	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	248	219	467
" " 23...	115	124	87	86	68	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	270	290	560
" " 25	176	153	67	54	56	64	20	26	.....	.....	.....	.....	.....	.....	....	.....	319	297	616
" " 42...	.....	.....	.....	.....	.....	.....	118	120	139	127	76	81	62	54	23	24	418	406	824
	401	356	240	217	176	207	138	146	139	127	76	81	62	54	23	24	1255	1212	2467

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE E—Continued.

SCHOOLS.	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys	Girls.	Boys.	Girls.	Boys	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group C—School No. 17..	49	48	51	34	.....	.....	14	21	.....	.....	.....	.....	.....	.....	.....	.....	114	103	217
" " 28..	69	57	48	37	71	63	22	22	22	17	.....	.....	.....	.....	.....	.....	232	196	428
" " 33...	70	74	72	66	69	78	43	46	15	26	.....	.....	.....	.....	.....	.....	269	289	558
" " 35...	70	52	63	62	42	47	39	50	16	29	.....	.....	.....	.....	.....	.....	230	240	470
" " 70...	48	52	44	39	82	53	43	50	55	68	38	43	28	42	.....	.....	338	347	685
" " 84...	77	97	73	75	95	100	52	81	24	26	60	73	17	26	32	28	430	506	936
	383	379	351	313	359	341	213	270	132	166	98	116	45	68	32	28	1613	1681	3294
Group D—School No. 2...	132	136	45	102	43	43	.....	35	.....	.. ..	.....	.....	.....	.....	.....	.....	220	316	536
" " 8...	51	54	76	72	78	78	94	33	52	64	.....	.....	.....	....	.....	.....	351	301	652
" " 93...	183	244	157	148	113	114	74	90	71	80	65	58	31	36	16	17	710	787	1497
" " 108..	43	52	32	48	14	25	6	25	10	14	2	8	.....	.....	.....	.....	108	171	279
	409	486	310	370	248	260	174	183	133	158	67	66	31	36	16	17	1391	1573	2964

Group E—School No.	13...	94	86	88	69	74	64	25	35	.....	.....	.....	.....	.....	.....	.....	.....	281	254	535
" "	27...	112	114	85	80	68	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	265	267	532
" "	77...	.....	.....	.....	.....	.....	.....	84	100	106	101	80	76	59	69	27	24	356	370	726
" "	83...	106	84	98	83	68	80	73	69	58	43	53	47	23	34	25	18	504	458	962
" "	97...	43	37	40	30	36	46	29	28	12	15	.....	.....	.....	.....	.....	.....	160	156	316
		355	321	311	262	246	263	211	232	176	159	133	123	82	103	52	42	1566	1505	3071
Group F—School No.	5...	203	165	160	107	94	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	457	377	834
" "	26...	73	76	70	64	56	53	15	22	.....	.....	.....	.....	.....	.....	.....	.....	214	215	429
" "	71...	.....	.....	1	.....	2	.....	125	107	79	103	57	73	36	24	31	15	331	322	653
" "	101...	.....	.....	.....	.....	.....	.....	.....	.....	50	84	15	38	9	24	4	9	78	155	233
" "	111...	182	177	37	77	50	68	12	25	.....	.....	.....	.....	.....	.....	.....	.....	280	348	628
		458	418	268	248	202	227	152	154	129	187	72	111	45	48	35	24	1360	1417	2777
Group G—School No.	7...	210	171	71	67	40	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	321	285	606
" "	43	204	216	75	170	114	103	73	63	41	55	31	36	13	15	7	8	558	666	1224
" "	73...	.....	.....	50	53	72	65	113	108	38	46	33	43	10	21	21	13	337	349	686
" "	105...	161	141	83	79	53	67	34	44	..	.....	.....	...	.....	.....	.....	.....	331	331	662
		575	528	279	369	279	282	220	215	79	101	64	79	23	36	28	21	1547	1631	3178
Group H—School No.	16...	102	96	76	66	64	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	242	222	464
" "	32...	75	65	66	68	60	62	22	24	21	21	.....	.....	.....	.....	.....	.....	244	240	484
" "	45...	.....	.....	.....	.....	.....	.....	77	93	66	89	44	57	30	39	29	39	246	317	563
" "	49...	21	22	25	15	19	19	22	11	10	8	5	2	7	6	.....	.....	109	83	192
" "	113...	83	86	64	71	45	71	25	46	21	42	11	31	15	15	8	17	272	379	651
		281	269	231	220	188	212	146	174	118	160	60	90	52	60	37	56	1113	1241	2354

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE E—Continued.

SCHOOLS.	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group I—School No. 20...	262	238	225	192	144	146	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	631	576	1207
" " 74...	99	90	80	97	46	58	75	62	59	44	49	60	73	81	26	28	507	520	1027
" " 80...	.....	.....	.....	.....	.....	.....	127	147	134	109	105	110	73	93	35	67	474	526	1000
	361	328	305	289	190	204	202	209	193	153	154	170	146	174	61	95	1612	1622	3234
Group J—School No. 37...	143	148	120	114	70	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	333	352	685
" " 91	73	62	69	50	38	48	60	58	16	27	.....	.....	.....	.....	.....	....	256	245	501
" " 94...	148	120	110	123	67	87	89	103	84	62	56	64	27	29	8	11	589	599	1188
" " 99...	124	121	121	88	72	79	69	67	51	63	39	48	18	22	12	18	506	506	1012
	488	451	420	375	247	304	218	228	151	152	95	112	45	51	20	29	1684	1702	3386

Group K—School No.	50...	41	36	32	30	34	44	19	33	21	25	..	...	.....	.....	.....	.....	.....	147	168	315
" "	51...	95	71	88	67	72	71	50	72	70	59	55	36	32	31	18	18	480	425	905
" "	52...	.....	.....	.....	.....	38	.....	37	.....	....	.....	29	.....	27	.....	20	.....	151	.....	151
" "	53	30	147	.....	109	.....	93	.....	80	.....	91	.....	86	.....	36	.....	31	30	673	703
" "	54..	119	15	126	8	81	9	90	35	79	12	46	22	35	30	5	30	581	161	742
" "	115 .	27	33	24	25	22	24	16	19	9	9	5	4	3	2	4	16	110	132	242
		312	302	270	239	247	241	212	239	179	196	135	148	97	99	47	95	1499	1559	3058
Group L—School No.	76...	116	111	94	96	85	75	44	51	36	38	24	17	16	14	.....	.....	415	402	817
Group M—School No.	4 .	133	130	62	83	55	68	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	279	281	560
" "	29 .	50	44	38	47	56	48	29	29	.....	.....	.....	.....	.....	.....	.....	.....	173	168	341
" "	44 .	2	.....	1	.....	2	.....	44	38	56	78	57	45	35	44	23	25	220	230	450
" "	92...	77	57	68	79	55	58	72	78	50	69	28	34	12	14	16	7	378	396	774
" "	106...	154	136	77	58	54	64	38	55	14	24	5	21	8	19	7	7	357	384	741
		416	367	246	267	212	238	212	200	120	171	90	100	55	77	46	39	1406	1460	2866
Group N—School No.	12...	165	129	87	94	101	89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353	312	665
" "	22...	127	96	98	92	67	54	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	296	247	543
" "	34...	137	120	102	92	76	56	34	34	.....	.....	.....	.....	.....	.....	.....	.....	349	302	651
" "	72...	.....	.....	.....	.....	.....	.....	135	161	108	112	59	73	25	43	7	21	334	410	744
" "	109...	102	80	36	71	49	44	38	42	22	40	1	1	.....	.....	.....	.....	248	278	526
		531	425	323	349	293	248	211	237	130	152	60	74	25	43	7	21	1580	1549	3129

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE E—Continued.

SCHOOLS.	First Grade		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group O—School No. 10...	69	42	59	45	78	57	41	18	22	12	.....	.....	.....	.....	.....	.....	269	174	443
" " 19...	210	179	98	119	78	57	53	33	.....	.....	.....	.....	.....	.....	.....	....	439	388	827
" " 30...	52	54	63	50	64	76	53	87	54	73	30	53	16	24	15	18	347	435	782
" " 48...	.....	.....	.....	.....	.....	...	21	64	81	59	67	56	42	34	22	29	233	245	478
	331	275	220	214	220	190	168	202	156	145	97	112	58	58	37	47	1288	1242	2530
Group P—School No. 66...	.....	.....	.....	.....	.....	.....	16	25	19	25	20	20	8	11	2	13	65	94	159
" " 67...	50	47	42	38	27	21	23	23	.....	.....	.....	.....	.....	.....	.....	.....	142	129	271
" " 68	66	48	61	32	51	36	34	37	45	38	19	23	10	13	12	6	298	233	531
" " 96...	122	101	73	58	42	42	53	71	58	58	41	34	10	11	7	10	406	385	791
" " 98...	47	54	39	28	37	45	22	19	.....	.....	.....	.....	.....	.....	.....	.....	145	146	291
	285	250	215	156	157	144	148	175	122	121	80	77	28	35	21	29	1056	987	2043

Group Q—School No.	11...	200	201	197	143	140	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	537	497	1034
" "	63...	41	48	37	32	36	28	38	24	30	30	21	21	14	25	20	23	237	231	468
" "	65..	44	52	41	33	27	31	31	15	15	16	8	12	9	8	3	5	178	172	350
" "	78...	.....	.....	.....	.....	.....	.....	109	106	80	91	47	67	61	68	30	39	327	371	698
		285	301	275	208	203	212	178	145	125	137	76	100	84	101	53	67	1279	1271	2550
Group R—School No.	15...	101	125	87	101	104	91	18	26	.....	.....	.....	.....	.....	.....	.....	.....	310	343	653
" "	31...	77	75	53	44	37	50	49	32	34	11	1	.....	.....	.....	.....	.....	251	212	463
" "	39...	69	42	36	50	45	48	36	44	35	42	16	28	.....	.....	.....	.....	237	254	491
" "	75...	.....	.....	.....	.....	.....	....	109	104	94	413	95	107	65	80	44	72	407	476	883
		247	242	176	195	186	189	212	206	163	166	112	135	65	80	44	72	1205	1285	2490
Group S—School No.	1...	111	.....	87	.....	91	.....	78	.....	73	.....	40	.....	71	31	58	24	609	55	664
" "	9...	22	158	.....	76	.....	74	.....	80	.....	60	.....	62	.....	35	.....	29	22	574	596
" "	82...	.....	.....	.....	.....	16	15	34	41	30	29	35	33	3	7	8	1	126	126	252
" "	95...	90	74	80	100	45	51	20	20	35	32	10	20	11	27	12	22	303	346	649
		223	232	167	176	152	140	132	141	138	121	85	115	85	100	78	76	1060	1101	2161
Group T—School No.	21...	89	77	55	66	53	54	29	36	21	18	.....	....	.....	.....	.....	.....	247	251	498
" "	46...	1	.....	.....	.....	46	50	30	35	12	34	40	40	26	38	21	30	176	227	403
" "	79 .	43	37	41	37	42	35	38	47	53	41	67	57	41	31	38	33	363	318	681
" "	91...	69	67	53	40	19	12	12	15	14	14	27	23	.....	.....	.....	.....	194	171	365
		202	181	149	143	160	151	109	133	100	107	134	120	67	69	59	63	908	967	1947

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE E—Continued.

SCHOOLS.	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals,		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls	Boys.	Girls.	Boys.	Girls.	
Group U—School No. 14...	71	63	40	37	70	59	62	30	73	83	.....	.....	.....	.....	.....	.....	316	272	588
" " 60...	103	92	77	92	78	75	51	55	52	54	31	39	19	15	14	17	425	439	864
" " 61...	42	45	44	38	34	54	48	38	17	24	77	94	50	53	39	62	351	408	759
" " 81...	2	.....	.....	.....	3	.....	76	83	74	89	56	61	46	34	27	24	284	291	575
	218	200	161	167	185	188	237	206	216	250	164	194	115	102	80	103	1376	1410	2786
Group V—School No. 59...	8	7	7	8	12	9	7	8	8	5	5	4	5	1	.....	.....	52	42	94
" " 62...	78	90	103	71	76	84	84	83	48	48	21	21	41	57	27	29	448	483	931
" " 64...	26	18	11	12	11	24	11	13	8	9	9	13	4	10	4	5	84	104	188
" " 112...	67	342	73	212	38	206	8	147	.....	105	49	59	19	32	17	24	271	1127	1398
" " 118...	246	14	104	3	130	8	117	4	54	4	1	3	.....	.....	.....	.....	652	36	688
	425	471	298	306	267	331	197	255	118	171	85	100	69	100	48	58	1507	1792	3299

Group W—School No.	55 ..	145	150	92	77	87	97	63	82	72	70	24	19	25	21	7	21	515	537	1052
" "	56...	48	64	43	38	35	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126	136	262
" "	57...	26	20	21	16	14	19	22	16	17	16	11	15	.....	.....	.....	.....	111	102	213
" "	58 .	52	47	34	46	38	42	19	19	18	19	8	11	7	9	3	9	179	202	381
		271	281	190	177	174	192	104	117	107	105	43	45	32	30	10	30	931	977	1908
Colored Practice Schools:																				
School No.	100.....	167	187	76	84	39	70	27	74	.....	..	.....	.....	.....	.....	.....	.....	309	415	724
" "	107.....	121	205	80	115	63	106	34	63	11	41	14	20	.....	.....	.....	.....	323	551	874
" "	110.....	188	162	103	104	59	77	48	63	33	61	27	61	26	45	5	34	489	607	1096
" "	116	188	119	78	65	39	53	31	70	19	38	16	37	15	37	6	19	392	438	830
		664	673	337	368	200	306	140	270	63	140	57	118	41	82	12	53	1514	2028	3542
Totals.....		8523	8153	6063	5937	5095	5361	4158	4543	3158	3510	2137	2474	1412	1670	870	1122	.....	.....	.....
Grand Totals		16676		12000		10456		8701		6668		4611		3082		1992		31420	32766	64186
																				*781
																				64967

*Schools old Nos. 100 and 114.

TABLE E—Concluded.—RECAPITULATION.

	Boys.	Girls	Totals
Number in fifth year in the High Schools	.....	2	2
" fourth " " "	147	256	403
" third " " "	223	290	513
" second " " "	329	458	787
" first " " "	596	728	1,324
" Training Dep't, White Men	7	.....	7
" " " Women	.....	47	47
" " Colored	14	29	43
Totals	1,316	1,810	3,126
Number in Grammar Schools, eighth grade	870	1,122	1,992
" " seventh grade	1,412	1,670	3,082
" " sixth grade	2,137	2,474	4,611
" " fifth grade	3,158	3,510	6,668
" " fourth grade	4,158	4,543	8,701
Totals	11,735	13,319	25,054
Number in Primary Schools, third grade	5,095	5,361	10,456
" " second grade	6,063	5,937	12,000
" " first grade	8,523	8,153	16,676
Totals	19 681	19,451	39,132
Number in Secondary Schools	1,316	1,810	3,126
" grammar grades	11,735	13,319	25,054
" primary grades	19,681	19,451	39,132
Totals	32,732	34,580	67,312

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE F.

	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group A	286	306	227	213	210	216	182	137	134	126	61	71	44	50	24	33	1183	1152	2335
" B	401	356	240	217	176	207	138	146	139	127	76	81	62	54	23	24	1255	1212	2467
" C	383	379	351	313	359	341	213	270	132	166	98	116	45	68	32	28	1613	1681	3294
" D	409	486	310	370	248	260	174	183	133	158	67	66	31	36	16	17	1391	1573	2964
" E	355	321	311	262	246	263	211	232	176	159	133	123	82	103	52	42	1566	1505	3071
" F	447	418	268	248	202	227	152	154	129	187	72	111	45	48	35	24	1360	1417	2777
" G	575	528	279	369	279	282	220	215	79	101	64	79	23	36	28	21	1547	1631	3178
" H	281	269	231	220	188	212	136	174	118	160	60	90	52	60	37	56	1113	1241	2354
" I	361	328	305	289	190	204	202	209	193	153	154	170	146	174	61	95	1612	1622	3234
" J	488	451	420	375	247	304	218	228	151	152	95	112	45	51	20	29	1684	1702	2386
" K	312	302	270	239	247	241	212	239	179	196	135	148	97	99	47	95	1499	1559	3058
" L	116	111	94	96	85	75	44	51	36	38	24	17	16	14	.....	.....	415	402	817
" M	416	367	246	267	222	238	212	200	120	171	90	100	55	77	46	39	1406	1460	2866
" N	531	425	323	349	293	248	211	237	130	152	60	74	25	43	7	21	1580	1549	3129
" O	331	275	220	214	220	190	168	202	156	145	97	112	58	58	37	47	1288	1242	2530

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE F.—Concluded.

	First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group P	285	250	215	156	157	144	148	175	122	121	80	77	28	35	21	29	1056	987	2043
" Q	285	301	275	208	203	212	178	145	125	137	76	100	84	101	53	67	1279	1271	2550
" R	247	242	176	195	186	189	212	206	163	166	112	135	65	80	44	72	1205	1285	2490
" S	223	232	167	176	152	140	132	141	138	121	85	115	85	100	78	76	1060	1101	2161
" T	202	181	149	143	160	151	109	133	100	107	134	120	67	69	59	63	980	967	1947
" U	218	200	161	167	185	188	237	206	216	250	164	194	115	102	80	103	1376	1410	2786
" V	425	471	298	306	267	331	197	255	118	171	85	100	69	100	48	58	1507	1792	3299
" W	271	281	190	177	174	192	104	117	107	105	43	45	32	30	10	30	931	977	1908
Colored Practice	664	673	337	368	200	306	140	270	63	140	57	118	41	82	12	53	1514	2028	3542
Totals	8512	8153	6063	5937	5095	5361	4148	4543	3158	3510	2122	2474	1412	1670	870	1122	.....	.....	.....
Grand Totals	16665		12000		10456		8691		6668		4596		3082		1992		31420	32766	64186
																			*781
																			64967

* Schools Nos. 100 and 114.

Tables Accompanying Superintendent's Report.

TABLE G.

Time Occupied in Accomplishing Grade Work.

		No. Pupils in 4 months.	No. Pupils in 5 months	No. Pupils in 6 months.	No. Pupils in 7 months.	No. Pupils in 8 months.	No. Pupils in 9 months.	No. Pupils in 10 months.	No. Pupils in 11 months.	No. Pupils in 12 months.	No. Pupils in 13 months.	No. Pupils in 14 months.	No. Pupils in 15 months.	No. pupils in more than 15 months.	Totals.	No. Pupils in less than 10 months.	No. Pupils in 10 months.	No. Pupils in more than 10 months.
Group	A	10	8	11	9	26	20	718	7	60	46	65	246	189	1,415	84	718	613
"	B	8	2	38	6	69	68	854	1	7	4	5	13	447	1,522	191	854	477
"	C	.....	.....	7	2	77	63	1,202	.....	.....	....	66	205	352	1,974	149	1,202	623
"	D	17	47	5	4	7	5	1,146	1	.....	3	.....	183	348	1,767	85	1,146	535
"	E	9	18	28	1	40	.....	1,435	.....	.....	.....	.....	52	443	2,026	96	1,435	495
"	F	2	10	1	1	1	1	867	.....	2	.....	.....	94	525	1,504	16	867	621
"	G	3	2	89	.....	.....	3	926	18	29	24	7	166	513	1,780	97	926	757
"	H	22	123	6	7	74	25	1,188	1	1	7	1	47	280	1,782	261	1,188	333
"	I	8	292	12	94	10	7	1,333	.....	3	1	4	282	267	2,343	423	1,333	558
"	J	16	83	6	11	9	3	1,138	.....	3	17	.....	288	505	2,079	128	1,138	813
"	K	27	84	55	19	16	20	1 532	.....	20	19	15	89	374	2,270	221	1,532	517
"	L	2	1	2	3	5	8	252	.....	.....	.....	1	6	158	438	21	252	165
"	M	11	26	8	13	7	6	1,251	.....	1	.....	2	68	499	1,892	71	1,251	570

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

TABLE G—Concluded.

	No. Pupils in 4 months.	No. Pupils in 5 months.	No. Pupils in 6 months.	No. Pupils in 7 months.	No. Pupils in 8 months.	No. Pupils in 9 months.	No. Pupils in 10 months.	No. Pupils in 11 months.	No. Pupils in 12 months.	No. Pupils in 13 months.	No. Pupils in 14 months.	No. Pupils in 15 months.	No. Pupils in more than 15 months.	Totals.	No. Pupils in less than 10 months.	No. Pupils in 10 months.	No. Pupils in more than 10 months.
Group N	6	101	3	.....	12	3	851	1	4	4	5	324	411	1,725	125	851	749
" O	16	94	36	6	59	9	1,312	4	4	1	10	148	265	1,964	220	1,312	432
" P	11	10	7	15	31	19	742	1	23	43	74	173	217	1,366	93	742	531
" Q	17	80	10	5	30	39	1,373	.....	5	1	5	86	367	2,021	181	1,373	467
" R	5	42	15	1	10	12	1,288	.....	.....	.....	1	147	239	1,800	85	1,288	427
" S	6	5	2	6	8	7	923	....	3	2	9	90	305	1,366	34	923	499
" T	9	20	15	7	8	24	1,059	.....	2	4	1	47	296	1,492	83	1,059	350
" U	17	22	8	4	8	5	1,379	.....	4	8	35	184	282	1,956	64	1,379	513
" V	4	30	18	1	2	28	1,523	.....	2	1	10	128	141	1,891	83	1,523	285
" W	1	14	6	7	14	11	742	15	12	11	13	143	158	1,147	59	742	352
Colored Practice Schools	6	98	78	1	5	39	622	.....	2	4	1	35	174	1,067	227	622	219
Totals	233	1,212	466	223	528	425	25,656	49	187	201	369	3,244	7,758	40,587	3,097	24,656	1,811

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

MANUAL TRAINING CENTERS.

	Location.	Instructor.	Grades.		Groups.	No. of Pupils.		Total.
			Seventh	Eighth		Boys.	Girls.	
Manual Training Center No. 1.....	Hopkins avenue near Federal street.....	Luther Forsythe...	175	119	F, H, I, J...	294	.....	294
Manual Training Center No. 2.....	S. W. corner Greene and Fayette sts	Frank Waterman..	192	171	H, N, R, S, T.....	363	.....	363
Manual Training Center No. 3.....	N. E. corner Gilmor and Presstman sts..	Geo. P. McCeney.	165	158	Q, T, U, V..	354	.....	354
Manual Training Center No. 4.....	Light and Poultney streets.....	Charles Pettit.....	92	39	C, M	131	.....	131
Manual Training Center No. 5.....	Twenty-second and Cromwell streets...	Charles Pettit.....	158	65	I, K.....	223	.....	223

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT.

COOKING CENTERS.

	Location.	Instructor.	Grades.		Groups.	Number of Pupils.		Total.
			Seventh	Eighth		Boys.	Girls	
Cooking Center, No. 1	Jackson Place	Edith Browne	268		A, B, D, E, F, G, J		268	268
Cooking Center, No. 2	Lexington st. and Carrollton ave.	Ruth Mintzer	347		O, Q, R, S, T		347	347
Cooking Center, No. 3	S. W. Corner Light and Poultney sts.	Mabel Sanford	166		C, M, N		166	166
Cooking Center, No. 4	Twenty-second and Cromwell sts	Elizabeth Condit	328		H, I, J, K		328	328
Cooking Center, No. 5	N. E. Cor. Presstman and Gilmor sts	Mabel Sanford	157		U, V		157	157
Total								1,266

PAPERS RELATING

—TO—

TEACHERS' TRAINING SCHOOL.

FACULTY.

SARAH C. BROOKS, Principal,
Psychology and School Management.

ELIZABETH J. FLEMING,
Director of Practice.

LIDA TALL,
Method of the Recitation.
Special Method in Arithmetic, Literature and History.

PERSIS K. MILLER,
General Method.
Special Method in Nature Study and Geography.

ELIZABETH LOWRY NUNN,
Special Method in Reading, Physical Culture and Industrial Work.

With the assistance of—
OLIVIA F. KEACH, Supervisor of Drawing.
HENRIETTA G. BAKER, Supervisor of Music.

COURSE OF STUDY.

First Term—
Psychology.
Three Great Educational Movements.
Special Method in Literature and History, Nature Study and Geography, Arithmetic, Reading, Physical Culture and Industrial Work.
Music and Drawing.

Second Term—
Psychology and School Management.
Method of the Recitation.
General Method.
Special Method in Literature and History, Arithmetic, Nature Study and Geography, Reading and Language, Physical Culture and Industrial Work.
Music and Drawing.

PRACTICE WORK.

Each student is given from eight to ten weeks' practice under the direction of a practice teacher.

TIME DEVOTED TO THE SEVERAL SUBJECTS:

Literature and History, 4 periods per week.
Arithmetic, 5 periods per week during the first term; 2 periods during the second.
Geography and Nature Study, 5 periods per week.
Reading, 3 periods per week.
Language, 2 periods per week during second term; accompanies all other studies.
Educational movements, 5 periods per week during the first term.
General Method, 3 periods per week during second term.
Method of the Recitation, 3 periods per week during second term.
Psychology, 5 periods per week during first term; 2 periods per week during second term.
School Management, Primary Methods, 3 periods per week during second term.
Physical Culture, 2 periods per week.
Industrial Work, 2 periods per week.
Music, 2 periods per week.
Drawing, 2 periods per week.

PAPERS RELATING

—TO—

BALTIMORE CITY COLLEGE.

FACULTY, 1904-1905.

FRANCIS A. SOPER, A.M., *Principal,*
MATHEMATICS.

CHARLES F. RADDATZ, *Vice-Principal,*
GERMAN.

POWHATAN CLARKE, M.D.,
CHEMISTRY AND PHYSICAL GEOGRAPHY.

ALFRED Z. HARTMAN, A.M.,
LATIN AND GREEK.

JOSEPH H. ELLIOTT, *Secretary of the Faculty.*
BOOK-KEEPING AND COMMERCIAL SUBJECTS.

STEPHEN F. NORRIS,
MATHEMATICS.

ALEXANDER HAMILTON,
MATHEMATICS.

GERARD E. MORGAN, A.M.,
LATIN.

PHILIP H. FRIESE,
BOTANY, ZOOLOGY AND PHYSICS.

JULIUS G. MILLER,
MATHEMATICS.

JOHN F. ARTHUR,
ENGLISH.

B. WHEELER SWEANY,
DRAWING.

WILBUR F. SMITH,
ENGLISH.

ARISTO M. SOHO, Ph.D.,
(Head of Department of Romance Languages.)
SPANISH AND FRENCH.

DAVID E. WEGLEIN, A.B.,
(Head of Department of Pedagogy.)
PEDAGOGY, LATIN AND MATHEMATICS.

ROBERT H. WRIGHT, S.B.,
(Head of Department of History.)
HISTORY, POLITICAL ECONOMY AND CIVICS.

ERNEST J. BECKER, Ph.D.,
GERMAN AND ENGLISH.

PERCY L. KAYE, Ph.D.,
HISTORY.

ANDREW J. PIETSCH, A.M.,
ENGLISH AND HISTORY.

LESTER W. BOARDMAN, A.M.,
ENGLISH.

RICHARD C. WILLIAMS, A.B.,
LATIN.

CHARLES M. SMITH,
STENOGRAPHY AND TYPEWRITING.

MAX SWITTON, Ph.D.,
FRENCH, GERMAN AND LATIN.

C. F. E. SCHULTZ,
PHYSICAL CULTURE.

JOHN LORETT,
ATHLETICS.

Table showing the subjects taught in the Baltimore City College; also the number of classes in each subject, and the number of students pursuing each subject.

Subjects.	First Year.		Second Year.		Third Year.		Fourth Year.		Training Group.	
	Classes.	Students.	Classes.	Students.	Classes.	Students.	Classes.	Students.	Classes.	Students.
English	8	360	5	212	3	136	2	92		
German			5	188	3	118	3	107		
French			3	108	2	46	2	63		
Spanish					1	26	1	8		
Latin	7	330	5	175	2	81	1	46		
Greek			1	8	1	8	1	6		
Algebra	8	364								
Geometry			4	121						
Trigonometry					2	87				
Analytics							2	52		
Calculus										
Physical Geography and Botany	5	256								7
Zoology			1	42						7
Chemistry					2	89	1	18		
Physics					1	46	1	15		
Astronomy										
History	8	354	3	101	1	50	2	66		
Civics							2	66		
Political Economy							1	19		
Pedagogy									1	7

Table showing the subjects taught in the Baltimore City College, etc.—Concluded.

Subjects.	First Year.		Second Year.		Third Year.		Fourth Year.		Training Group.	
	Classes.	Students.	Classes.	Students.	Classes.	Students.	Classes.	Students.	Classes.	Students.
History of Education							1	7		7
Bookkeeping			2	78	1	49				
Commercial Arithmetic			2	80						
Commercial Geography			2	78						
History of Commerce					1	48				
Commercial Law							1	20		
Stenography					1	45	1	19		
Typewriting							1	19		
Psychology							1	19		7
Drawing	8	377	6	228	1	19			1	7
Physical Culture	7	353	3	112	1	31	1	19	1	7
Music									1	7

. . GRADUATES . .

Fifth Year Class.

Oscar Ellis Bransky,
William Thomas Curran,
Carl Martin Distler,
Daniel Ellison,
James Clay Gilbert,
Albert Grauer,
Clarence Pembroke Gould,
Jefferson Cleveland Grinnalds,
Elmer Gill Hall,
Harry Brooks Harryman,
Archer Kerr Hepbron,
John Mallory Holmes,
Wilbur Taylor Johnson,
Lawrence Stern Kaufman,
John Rowland Lowdenslager,
Ernest Elmer Wooden.
Charles Frederick Lustnauer,
Henry Pindell Manning,
Walter Emil Myers,
Glenn Worthington Owens,
George Pitts Raleigh,
Leroy Rice,
Karl Singewald,
Charles Opie Smith,
George Adolph Stewart,
George Jenkins Tinsley,
Andrew Herbert Troeger,
Joseph Cleveland Turner,
Christian Volz,
Cloyd Sherburn Weaver,
Elbert Robinson Willoughby,
*William Franklin Pennington.

Recipients of Peabody Prizes.

(Fifth Year Class.)

OF THE FIRST GRADE—$100 EACH.

Albert Grauer, Karl Singewald, Walter Emil Myers.

OF THE SECOND GRADE—$50 EACH.

Andrew Herbert Troeger, Carl Martin Distler,
George Jenkins Tinsley, Glenn Worthington Owens.

Recipient of Frederick Raine Medal.

Albert Grauer.

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*Mr. Pennington received a certificate for a four-year course.

. . GRADUATES . .

Fourth Year Class.

Francis Blackford Adams,
Thomas Norvin Bartlett,
Cleveland Robinson Bealmear,
George McGaw Benson,
William Edward Bird, Jr.,
Hugh McCulloh Branham,
Eli Vernon Brown,
Solomon Leon Cherry,
Francis Dorsey Christhilf,
John Page Cole,
Arlington Lee Cook,
Ulyses Samuel Grant Diver,
Fitzhugh James Dodson,
William Henry Doyle,
Louis Hay Eichelberger,
Daniel Stanley Elliott,
William Kenneth Erdman,
William Wyatt Fears,
Albert Joseph Fleischman,
Herbert Christian Forrester,
Arthur Leyburn Franklin,
David Franklin,
Raymond Freas,
William Rickert Glen,
Samuel Marcus Goldman,
Earl Reside Hack,
Evan Donovan Hans,
Weston O'Brien Harding,
William Edward Hawkins,
Martin Morris Hihn,
Edward Tremaine Hills,
Walter Henry Huff,
John Frederick Hunter,
Frank Preston Jurney,
John George Karl,
Edgar Joseph Kemp,
Herbert King,
Walter Ness Kirkman,
Arthur Russell Knipp,
Harry Barrett Krausz,
Arthur Leopold Maass,
Colin Mackenzie Mackall,
Hamilton Vincent Miles,
Gerard Archibald Murray,
John William Nicol,
Arthur Rankin Padgett,
Bernard Mark Parelhoff,
James Granville Phillips,
Charles Frederick Pietsch,
William Pleet,
Thomas Winter Pumphrey,
Guy Harrison Reese,
William Andrew Reinhardt,
Charles Eareckson Reinicker,
Andrew Nicholas Reiter,
Stanley Meade Reynolds,
Oscar Lynn Rhodes,
Ford Richardson,
Herman Frederick Rolker,
Edwin Wells Rouse, Jr.,
William Deal Roycroft,
Daniel Samuel Sackerman,
Thomas Armstrong Saulsbury,
Gerd Hayen Schulte,
Samuel Thomas Silberman,
Henry Lewis Sinskey,
Robert Byron Smeltzer,
Leo Fleischer Steindler,
Harold Hirsh Straus,
George Alvin Strauss,
Walter Winfred Tafel,
Harwell Waters Thomas,
Homer Ulric Todd,
William VanLeuvan,
Joseph Todhunter Ware,
James Brown Webb,
Clarence Eugene White,
Howard Cruett Wilcox,
Carroll Margott Wright,
Edward Harrison Wroe,
Charles Yaeger.

Recipients of Peabody Prizes.

(Fourth Year Class.)

OF THE FIRST GRADE—$100 EACH.

Charles Frederick Pietsch, Gerard Archibald Murray,
Walter Ness Kirkman.

OF THE SECOND GRADE—$50 EACH.

James Granville Phillips, Edward Tremaine Hills,
Andrew Nicholas Reiter, Francis Blackford Adams.

ROLL FOR THE YEAR 1904.

Number of students on roll December 31, 1903	692
Number admitted by promotion during 1904	358
Number admitted from private schools during 1904	35
Whole number on roll during 1904	1,085
Number withdrawn during 1904	209
Number graduated in June, 1904	113
Number re-entered during 1904	4
Number on roll December 31, 1904	763
Average attendance during 1904	658.1
Average number on roll during 1904	705.3
Percentage of attendance for the year	93.3
Number on roll June 30, 1904	627
Number returned after summer vacation	417
Number of new students entered after September 13, 1904	391
Whole number on roll from September 13 to December 31, 1904	808
Whole number withdrawn from September 13 to December 31, 1904	45

PAPERS RELATING

—TO THE—

WESTERN HIGH SCHOOL.

FACULTY.

HENRY S. WEST, Ph.D., *Principal,*
ENGLISH.

LOUISA C. SAUMENIG, *Vice-Principal and Secretary,*
MATHEMATICS.

PAMELA A. HARTMAN,
HISTORY, GRAMMAR, LATIN.

JANE S. WILLIAMS,
COMMERCIAL STUDIES.

HENRIETTA C. ADAMS,
HISTORY.

FRANCES RUTTER,
HISTORY.

ROBERTA DAVIS,
DRAWING.

IMOGEN GEORGE,
ENGLISH.

ELIZABETH HELSBY,
DRAWING.

ANNIE W. NICHOLSON,
LATIN.

M. THERESA DALLAM,
ENGLISH.

ANNE E. WELTY,
MATHEMATICS.

AUGUSTA F. DITTY,
ENGLISH.

LOUISA E. THALWITZER,
GERMAN.

LIDA S. ECKEL,
BOTANY, ZOOLOGY.
MARY E. HUDGINS,
LATIN.
LIZETTE W. REESE,
ENGLISH.
EMILIE S. REINHARD, A.B.,
GERMAN.
NELLIE M. O'CONNOR,
ALGEBRA, GEOMETRY.
MARY B. ROCKWOOD, A.M.,
LATIN.
LUCY E. MURRAY, A.B.,
LATIN, HISTORY.
ALICE I. EMMONS, A.B.,
GERMAN, HISTORY.
V. GERTRUDE HAST, A.B.,
ALGEBRA.
HENRIETTA A. CUENDET,
FRENCH.
BESSIE E. KLEIBACKER,
ENGLISH.
GERTRUDE V. KAHN, A.B.,
ENGLISH.
LELIA H. SMITH, A.B.,
PHYSICAL GEOGRAPHY, BOTANY, ASTRONOMY.
AMELIA D. BENSON, A.B.,
PHYSICS.
ELEANOR R. HOSKINS, A.B.,
LATIN, ALGEBRA.
GRACE I. GILL,
STENOGRAPHY, TYPEWRITING.
MARTHA E. WIMER,
FRENCH.
HENRIETTA G. BAKER,
MUSIC.
LILLIA OTTO,
PHYSICAL CULTURE.

COURSES OF STUDY.

First Year.

Class A—14 sections; 440 pupils. Required: English and Algebra.

Elective: Latin, 10 sections (357 pupils); Ancient History, 8 sections (247 pupils); Botany and Physical Geography, 7 sections (241 pupils); class from Preparatory School, elective: German (23 pupils), or French (12 pupils).

Second Year.

Class B—10 sections; 289 pupils. Required: English and Plane Geometry or Commercial Studies. Plane Geometry, 8 sections (261 pupils); Commercial Studies (Bookkeeping and Commercial Arithmetic), 1 section (25 pupils).

Elective: Latin, 6 sections (188 pupils); German, 6 sections (214 pupils); French, 1 section (39 pupils)—number considerably augmented at recitation by *third* year pupils just beginning French; Mediæval History, 1 section (43 pupils); Zoology, 1 section (29 pupils).

Third Year.

Class C—6 sections; 177 pupils. Required: English.

Elective: Latin, 2 sections (64 pupils); German, 4 sections (147 pupils); French, 2 sections (75 pupils); English History, 3½ sections (120 pupils); Physics, 4 sections (132 pupils); Solid Geometry and Trigonometry, 1 section (26 pupils); Commercial Studies (Bookkeeping, Stenography and Typewriting), 1 section (21 pupils).

Fourth Year.

Class D—6 sections; 160 pupils. Required: In Teachers' Preparatory Sections (66 pupils), English, including Grammar, Mathematics, United States History and Civics, Science, Drawing, Music, Physical Culture.

Elective: English, 4 sections (138 pupils); Latin, 1 section (27 pupils); German, 2 sections (66 pupils); French, 3 sec-

tions (97 pupils); United States History and Civics, 3 sections (125 pupils*); English History, ½ section (17 pupils); Astronomy, 1 section (46 pupils); Stenography and Typewriting, 1 section (18 pupils).

In addition to the foregoing *primary* studies, nearly all pupils in each year take Drawing and Music.

*English History, ½ section (17 pupils).

N. B.—All figures in the above report are of December 31,1903, and the items under elective studies do not include certain girls in each year working on *special* schedules, different from the schedule of any section. Of course the subjects under "Required" do not include all the work that is obligatory; the full requirements for diploma may be found in the "Rules of the Program of Studies."

ENROLLMENT IN 1904.

On roll January 1		964
Admitted by promotion from Grammar Schools on February 1		
Admitted by promotion from Grammar Schools in September		430
Admitted during year from schools other than Baltimore Grammar Schools		58
Whole number in attendance during the year		1,452
Withdrawn between January 1 and June 30	126	
Graduated in June	97	
Failed to return in September	83	
Withdrawn between September 30 and December 31	78	384
Number on roll December 31		1,068
Highest enrollment of the year, September 30		1,127

Numerical changes during the year in the several classes:

	1st Year.	2d Year.	3d Year.	4th Year.	Post Graduate.	Total.
On roll January 1	425	248	183	106	2	964
On roll December 31	440	289	177	160	2	1,068
Increase	15	41	—6	54	0	104

. . GRADUATES OF 1904 . .

Alice Marian Allen
Regina Allenbaugh
Elsie Louise Atkinson
Blanche Baer
Florence G. Bangert
Lelia C. Bangert
Leila Daisy Blake
Naomi M. Brotherton
Mabel E. Brown
Edna Ethel Bull
Eva May Causey
Elizabeth May Cornelius
Isabelle Graham Corner
Etta Belle Croswell
Helen Anderson Davis
Nina Davis
Olive Wetzel Dennis
Doris Dettelbach
Pauline A. Dietrich
Catherine A. Eckles
Selma Simson Erlanger
Emily Roberts Fitch
Emily J. Foard
Maysville J. Freeman
Alice Virginia Freeny
Carlyn Friedman
Helen E. Gans
Helen Elizabeth Gilmore
Alice Marie Gore
Elizabeth Helena Hauser
Carlotta Heller
Mildred Albro Hoge
Selma Chatfield Holland
Helen Bovard Hunt
Helen Horatio Hutchins
Edith R. Ijams
Edna Earle Ijams
Florence V. Israel
Ella Celeste Jenkins
Elizabeth Valentine Johnson
Rosina Coblens Joseph
Mary Ellen Kailer
Elizabeth Guest Keech
Amelia Roberts Kennedy
Helen Forman Kerchner
Blanche Matilda Kern
Helen Frances Klein
Elizabeth Turner Klinefelter
Katherine D. Klinefelter
Carrie Magdelena Kraus
Genevieve Evans Lamsbach
Theresa I. Latchford
Ella Bersch Latham
Mosella Lauer
Hattie Rose Levin
Marion Adele Loockerman
Corinne French Marsh
Elizabeth Estelle McCurdy
Lelia Estelle Miller
Anita Lucretia Munter
Mary Frances Neudecker
Ada Beall Norment
Sophie Biscoe Norris
Adele Virginia Patterson
Nelle Ramsay
Erma Marie Reese
Agnes Elizabeth Rogan
Florence May Rosenberg
Margaretta C. Roth
Hannah E. Schneider
Lythia Marie Sessions
Mary Locher Shafer
Miriam Warfield Shaw
Therese Clara Simon
Mary Virginia Snyder
Anna Madeline Stephenson

Alice Estelle Stockett
Edith Talmage Stubbs
Lilian Eugenia Thomas
Edna Adair Thompson
Mamie Elmer Todd
Emma Walbrecher
Edna Ruth Walker
Mary Page Waller
Edith Rose Ward
Mary A. L. .Warner
Frances M. Warner
Bessie Ray Waters
Nellie Estelle Whitcraft
Estelle Waters White
Mary Margaret Wiers
Katherine Harris Willis
Clara Martin Wilson
Ellen Aminta Wisner
S. Mabel Wolf
Agnes Mabel Worthington
Marie Meta Zieget (97)

Recipients of Peabody Medals.

FIRST GRADE.

Olive Wetzel Dennis
Mary A. L. Warner
Mary Margaret Wiers
Mosella Lauer
Selma Simson Erlanger

SECOND GRADE.

Mildred Albro Hoge
Edith Rose Ward
Helen E. Gans
Edith Talmage Stubbs
Marie Meta Zieget
Agnes Mabel Worthington
Ellen Aminta Wisner
Sophie Briscoe Norris
Mary Ellen Kailer
Frances M. Warner

Honorable Mention.

Helen Forman Kerchner
Ada Beall Norment
Lilian Eugenia Thomas
Mabel E. Brown
Florence May Rosenberg
Hattie Rose Levin
Bessie Ray Waters
Ella Celeste Jenkins
Carlotta Heller
Erma Marie Reese

Recipient of the Scholarship in the Woman's College of Baltimore.

Olive Wetzel Dennis.

PAPERS RELATING

—TO THE—

EASTERN HIGH SCHOOL.

FACULTY.

WILLIAM F. WARDENBURG, Principal,
MATHEMATICS AND ENGLISH.
LAURA V. DeVALIN, Vice-Principal,
ENGLISH.
ELIZA E. NICOLAI,
ENGLISH.
LEONORA E. CARPENTER,
HISTORY AND CIVICS.
SUE M. LOHRFINCK,
ENGLISH AND HISTORY.
MARY C. BASIL,
ALGEBRA.
KATHERINE M. LEWIS,
ENGLISH AND GEOMETRY.
THEODOCIA B. MAHON,
COMMERCIAL SUBJECTS AND ENGLISH.
MARGARET GARRETT,
LATIN.
ANNA B. DIETRICHS,
GERMAN.
MARY McLEAN,
ENGLISH AND LATIN.
REBECCA B. BROOKS,
PHYSICAL GEOGRAPHY AND HISTORY.
IDA NEUMAN,
BOTANY, ZOOLOGY AND PHYSICAL GEOGRAPHY.
CHARLES M. SMITH,
STENOGRAPHY AND TYPEWRITING.
MARTHA E. WIMER,
FRENCH.
ELIZABETH M. MAKIBBIN,
DRAWING.
AGNES E. BUCHHOLZ,
GERMAN.
MAY R. MUFFLY,
MUSIC.

Table showing the subjects taught in the Eastern High School, the number of classes in each subject, and the number of pupils pursuing each subject.

Subjects.	First Year.		Second Year.		Third Year.		Fourth Year.	
	Classes.	Pupils.	Classes.	Pupils.	Classes.	Pupils.	Classes.	Pupils.
Algebra	5	202	.....	.....	.....	.....	2	40
Arithmetic	.....	.....	1	39	.....	.....	2	40
Bookkeeping	.....	.....	1	39	1	19	.....	.....
Botany	4	149	.....	.....	.....	.....	.....	.....
Civics	.....	.....	.....	.....	.....	.....	2	50
Commercial Law	.....	.....	.....	.....	.....	.....	1	16
Drawing	5	202	4	117	3	75	2	28
English	5	202	4	117	3	76	3	67
French	.....	.....	1	32	1	18	1	27
Geometry	.....	.....	3	95	1	20	.....	.....
German	.....	.....	4	103	3	78	2	35
History	5	202	1	17	2	57	2	51
Latin	3	124	2	60	2	37	1	15
Music	5	202	4	117	3	76	3	67
Stenography	.....	.....	.....	.....	1	19	1	16
Typewriting	.....	.....	.....	.....	1	19	1	16
Physical Culture	.....	.....	.....	.....	.....	.....	2	44
Physical Geography	4	144	.....	.....	.....	.....	1	40
Political Economy	.....	.....	.....	.....	.....	.....	1	16
Zoology	.....	.....	2	57	.....	.....	.....	.....

ROLL FOR THE YEAR.

Number of pupils on roll December 31, 1903	409
Number admitted by promotion during 1904	224
Number admitted from other school systems during 1904	16
Number admitted by transfer during 1904	1
Total number in school during year 1904	650
Average enrollment	418
Average attendance (89.3 per cent.)	373
Number withdrawn during 1904	105
Number transferred during 1904	6
Number graduated in 1904	77
Number on roll December 31, 1904	462

PAPERS RELATING

—TO THE—

BALTIMORE POLYTECHNIC INSTITUTE.

FACULTY.

WILLIAM R. KING, U. S. N., PRINCIPAL,
and
Head of Department of Engineering.
RICHARD H. UHRBROCK, PH.B., ACTING VICE-PRINCIPAL,
and
Head of Department of Mathematics.
WILLIAM H. HALL,
Head of Department of Science.
SAMUEL M. NORTH,
Head of Department of English, including History and Language.

STAFF.

JOHN WARD WILLSON, M.D.,
GERMAN AND SCIENCE.
SAMUEL P. PLATT,
MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.
OLIVER BACHARACH,
MATHEMATICS.
JOHN H. BRAMBLE,
MATHEMATICS.
JOHN EDWARD BROADBELT, PH.G.,
SECRETARY AND SCIENCE.
WARREN S. SEIPP,
DRAWING.
IRVING L. TWILLEY, A.M.,
SCIENCE.
HENRY A. CONVERSE, PH.D.,
MATHEMATICS.
EDWARD REISLER, A.M.,
CIVICS, HISTORY AND COMPOSITION.
ELMER M. HARN, A.B., A.M.,
ENGLISH AND HISTORY.
ISAAC L. OTIS, A.B.,
ENGLISH.
CHARLES ERNEST CONWAY,
ENGINEERING.
HARRY M. MASON,
GRADUATE ASSISTANT IN SCIENCE.

MECHANICAL DEPARTMENT.

WILLIAM G. RICHARDSON,
MACHINE WORK AND ENGINEERING MATERIALS.
THOMAS G. FORD,
PATTERN MAKING AND WOOD TURNING.
WILLIAM A. JONES,
SHEET METAL WORK.
GEORGE M. GAITHER,
CARPENTRY AND WOOD CARVING.
ALLEN L. MALONE,
ENGINEERING MATERIALS AND FORGE WORK.

ROLL.

Number of pupils on roll December 31, 1903		363
Number of new pupils admitted during 1904		18
Number admitted by promotion during 1904		216
Number of pupils admitted by transfer during year 1904		8
Total number of pupils in school during year 1904		605
Number of third year graduates entered in fourth year	31	
Number of pupils who left and re-entered during year 1904	3	34
		639
Number of pupils withdrawn during year 1904	147	
Number of pupils transferred to B. C. C. during year 1904	3	
Number of pupils graduated: Senior Class, 40 / Postgraduates, 10	50	200
Number of pupils on roll December 31, 1904		439
Average number of pupils on roll during 1904		375.8
Average attendance of pupils during year 1904 (96.5%)		362.7

POST-GRADUATES, 1904.

Four-Year Course.

Paul W. Backhaus
Harry N. Brannan
William N. Crisp
Edward Hering
James B. Jones
Milton Kraemer
Harry M. Mason, Jr.
J. McDonnell Reid
Martin J. Reynolds
George F. W. Sims

SPECIALS.
Frank B. Burton
H. Milton Gross
August H. Schaaf

GRADUATES, 1904.

Three-Year Course.

Chester A. A. Albrecht
James B. Arthur
Marion V. Bailliere
Joseph Bowes, Jr.
Andrew K. Brumbaugh
Clarence C. Clickner
Edward C. Cromwell
Frederick L. Dixon
Charles A. Edel
Frank P. Fifer
Emanuel Fritz
George Gittelsohn
J. Lyell Gressitt
Edward J. Hecker
John H. Hills
Harry J. Hodes
Benjamin F. Hoffacker
Harry V. D. Hunt
William C. Hurley
Charles A. Langrall
Herman W. Lasser
Daniel J. Leary
Leon Marmor
Samuel May
John L. Mosher
Charles P. Niederhauser
Robert G. Pangborn
Massimo Pisani, Jr.
George S. Robertson
George M. G. Schaefer
Leon Small
Oscar E. Smith
Marion Steinberger
Harry D. Thurlow
Harry Waldorf
Charles W. Whittle
Edwin L. Willson
Louis A Witte
William P. Wittmer
Alexander H. Woollen

Table showing the number of students pursuing the different subjects of the course of the Baltimore Polytechnic Institute and the time devoted to each subject.

Subjects.	First Year.			Second Year.			Third Year.			Fourth Year.		
	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.
Steam Engineering							75	3	4	31	1	3
Mechanics										31	2	3
Mechanical Drawing	232	7	4	101	3	5	75	3	4	31	1	4
Practice	232	7	6	101	3	6	75	3	6	31	1	4
Algebra	232	7	4	101	3	2						
Geometry	232	7	3	101	3	2						
Trigonometry				101	3	2	75	3	3			
Analytic Geometry							75	3	4			
Calculus										31	1	5
Physical Geography	232	7	2									
General Physics	232	7	2									
Heat				101	3	2						
Electricity				101	3	2	75	3	3	31	1	4
Chemistry							75	3	2	31	1	4
Composition and Rhetoric	232	7	2	101	3	2						
Literature	232	7	2	101	3	2	75	3	2			
History	232	7	3									
German				101	3	3	75	3	2			
Civics				101	3	2						
French										31	1	3
Preparation Periods	232	7	2									

PAPERS RELATING

—TO THE—

COLORED HIGH AND TRAINING SCHOOL.

FACULTY.

HIGH SCHOOL DEPARTMENT.

James H. N. Waring, A.M., M.D., Principal.
Joseph H. Lockerman, Vice-Principal.

MATHEMATICS,
Joseph H. Lockerman,
Fannie L. Barbour,
Mattie F. Childs.

ENGLISH,
Cora B. Jackson, A.B.,
J. R. Paul Brock, M.A.,
Louise M. R. Parm.

HISTORY,
Margaret B. Gregory,
Harry T. Pratt.

LANGUAGES AND ECONOMICS,
Mason A. Hawkins, A.B.,

PHYSICS AND CHEMISTRY,
Dwight O. W. Holmes, A.B.

BIOLOGY AND GEOGRAPHY,
Thomas W. Turner, A.B.

FREE-HAND DRAWING,
Daniel A. Brooks,
Julia F. Jones.

GERMAN AND PHYSIOLOGY,
Lucy Messer Davis, A.B.

BOYS' MANUAL TRAINING DEPARTMENT.

MECHANICAL DRAWING,
Ralph V. Cook, M.E.

IRON AND MACHINE SHOP,

WOODWORK AND ELECTRICITY,

GIRLS' MANUAL TRAINING DEPARTMENT.

DRESSMAKING, MILLINERY, RAFFIA WORK,
Laura E. Miller,
Beulah S. Wilder.

DOMESTIC SCIENCE,
Helen H. Wingate.

NORMAL DEPARTMENT,
Lucinda Cook,
Anna O'H. Williamson.

. . GRADUATES . .

Mattie Chase Callis
Charlotte Ogleton Chase
Sarah Elizabeth Chase
Annie Mary Dutton
Bertha Rudolphe Fleming
Fannie Edith Gilbert
Birdie Enola Glover
Mabel Rachel Gough
Isabelle Hughes
Mary Elizabeth Kyler
Ellen Leona Lottier
Mary Catherine Peck
Elizabeth Cecelia Quille
Mabel Vincie Roberts
Lucy Diggs Slowe
Emma Belle Stark
Estelle Christina Taylor
Amy Brown Thompson
Clara Matilda Thompson
Bertha Belle Walker
Mary Frances Wallace
Alethea Hebron Washington
Janie Delcy Whyte
Norma Arica Williams

James Augustus Braxton Callis
John Clinton Downs
William Thomas Griggs
Joseph E. Hopkins
Thomas Romuel Jackson
Walter Caldwell Jones
Leon Sylvester Kyler
Archer Besnard Owens
Herbert Irving Scott
James Lewis Thomas
Lloyd Carter Thomas

ALUMNI PRIZE.....Alethea Hebron Washington.

Table Showing Enrollment for the Year 1904.

HIGH SCHOOL DEPARTMENT.

Number pupils belonging January 1, 1904		287
Number new pupils admitted to school during the year		12
Number pupils admitted to school by promotion during the year		101
Total number pupils in school during the year		400
Number pupils who left and re-entered school during year		12
Number pupils withdrawn during year	87	
Number pupils promoted to Training School during year	16	
		103
Number pupils graduated from school during year		35
Number pupils in school December 31, 1904		297
Number pupils in Academic Course		71
Number pupils in Manual Training Course		226
Average attendance of pupils during year		277
Average enrollment of pupils during year		285
Percentage of attendance		97.2

NORMAL DEPARTMENT.

Number belonging January 1, 1904	40
Number admitted during the year	33
Number withdrawn	16
Number elected to substitute list	14
Number in school December 31, 1904	43
Average enrollment during the year	41
Average attendance during the year	98

Table showing number of pupils and number of periods per week for each subject in each year of the Academic and Manual Training Courses.

Subjects.	First Year.				Second Year.				Third Year.				Fourth Year.			
	Academic Course.		Manual Training Course.		Academic Course.		Manual Training Course.		Academic Course.		Manual Training Course.		Academic Course.		Manual Training Course.	
	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.	No. Pupils.	Periods Per week.
Algebra	30	4	91	4	19	3	60	3	9	3	46	3	13	2	29	3
Arithmetic	....	....	....	....	....	....	....	....	....	....	....	....	13	1	29	1
Biology	....	....	....	....	....	....	....	....	9	4	46	4	13	3	29	4
Composition	30	3	91	3	19	3	60	3	9	2	46	3	13	3	29	3
Domestic Art	13	3	73	6	12	3	40	6	6	3	31	6	5	3	24	6
Domestic Science	13	3	73	3	....	....	40	3	6	2	31	2	....	....	24	3
Free Hand Drawing	30	3	91	3	19	2	60	2	....	....	46	2	....	....	29	2
Economics	....	....	....	....	....	....	....	....	9	3	46	3	....	....	....	....
Electricity	....	....	....	....	....	....	....	....	....	....	....	....	8	3	5	3
English Grammar	....	....	....	....	....	....	....	....	....	....	....	....	13	*3	29	*3
Geography	30	2	91	2	....	....	....	....	....	....	....	....	....	....	....	....
Geometry	30	3	91	3	19	4	60	4	9	2	46	2	13	2	29	3
German	....	....	....	....	19	5	24	5	9	5	19	5	13	5	...	.....
History	30	4	91	4	19	4	60	4	9	3	46	4	13	4	29	4
Ironwork	17	3	18	3	7	3	20	3	3	3	15	3	....	....	5	3
Latin	30	5	....	.....	19	5	....	.....	9	6	.....	.....	13	5	....	.....
Literature	30	3	91	3	19	3	60	3	9	3	46	3	13	3	29	3
Mechanical Drawing	....	....	91	2	....	....	60	2	....	....	....	....	....	....	....	....
Music	30	1	91	1	19	1	60	1	9	1	46	1	13	1	29	1
Physics	....	....	....	....	....	....	....	....	9	3	46	3	13	3	29	3
Physiology	....	....	....	....	19	3	60	3	....	....	.....	.....	.....	.....	....	.....
Spelling	30	1	91	1	19	1	60	1	....	....	....	....	....	....	....	....
Woodwork	17	3	18	6	7	4	20	6	3	3	15	3	8	.....	5	5

*For one quarter.

REPORT

—OF THE—

Supervisor of School Buildings

—TO THE—

BOARD OF SCHOOL COMMISSIONERS.

DECEMBER 31, 1904.

BALTIMORE, January 1, 1905.

To the Board of School Commissioners:

I have the honor to submit the following report for the year ending December 31, 1904:

New Buildings—The building on southeast corner of Mount and Saratoga streets, known as School No. 100 (during construction designated as No. 114), was completed and turned over to this Department in the spring of 1904. It is a three-story brick building containing seventeen class rooms, beside the manual training rooms in the basement. The heating is by steam boilers, with radiating coils, in basement; and a large fan, operated by steam engine, for driving the warmed or heated air up to the class rooms. The same method of ventilating the class rooms as that used in Schools Nos. 62, 74, 83 and 84, has been introduced here. Flushing latrines, drinking fountains and other necessary plumbing arrangements have been installed. No other building was begun or completed during 1904.

Contract has been let (in December) for the erection of part of School No. 10, on Hollins street, near Schroeder street, which was destroyed by fire February 25, 1902.

The erection of the new Eastern High School has been authorized by the Mayor and City Council on lot on southeast corner of North avenue and Broadway. The drawings for this building are now being prepared by Architects Simonson & Pietsch, the successful competitors in an architectural competition.

Proposals were received in December for the contemplated school building on Lakewood avenue and Oliver street, and the addition to School No. 96, corner Ramsay and Smallwood streets, but were rejected as being in excess of the appropriations.

A new building has been authorized for North Walbrook, or Forest Park.

Portable School Houses—Four portable frame school houses were erected during 1904, one in the yard of School No. 37, one in the yard of School No. 99, and two on Penhurst avenue, West Arlington, known as Branch School No. 64. These buildings each provide one class room about 22 feet by 33 feet, well lighted, and affording seating capacity of from 40 to 50. The rooms are heated by stoves, but are without means of ventilation other than the windows. In the portable schools to be erected during 1905 the ventilation of the rooms will be made a special feature. The accompanying photographs show the plan, and an exterior and an interior view. The cost of each building was about $1,200, not including heating and furnishing; nor outbuilding, when such were required.

Rented Buildings—The second and third stories of building No. 1139 Pennsylvania avenue, corner Dolphin street, have been rented as an annex of the Colored High and Training School, at a rental of $45 per month.

The following rented buildings were vacated during 1904:

School No. 103, corner Stricker and Mulberry streets.
School No. 114, No. 1611 West Saratoga street.

School Buildings Vacated—The old Colored High School, known as No. 100, on Saratoga street, near St. Paul street,

and School No. 102, on Howard and Montgomery streets, were vacated in February after the great fire, and turned over to the City Comptroller, by whom they were rented as offices and for warehouse purposes. The building No. 102 was slightly injured by fire during the summer.

School No. 109, Barre street, near Eutaw, has been vacated and the pupils sent to the building on Fremont and King streets. The erection of a large manufactory on the east side of School No. 109 made the class rooms so dark as to render them unfit for use. The noise of the steam engines in the neighboring buildings made teaching or recitation almost impossible at times.

The Great Fire—Not a school building was damaged by the great fire of February 7-8, a circumstance to inspire a feeling of sincere thankfulness.

Basement Floors—All cellar floors should be paved with brick, asphalt or cement. Most of the cellars of old buildings are unpaved. The dirt floors become very dry and the dust is carried up to the class rooms to the discomfort and the possible injury of the occupants and the discoloration of walls and ceilings and furniture. This is especially the case where the large Smead furnaces are used. Some thirty-one buildings need this paving.

Ventilation—The standard class room recommended by this Department for all new buildings is 26 feet wide by 32 feet long, having an area of 832 square feet, or an average of 16 square feet for each of 52 pupils. This is about the standard requirement of the best authorities. In many of our schools, in fact, in most of the old buildings, the class rooms average in size about 20 feet by 24 feet, with an area of 480 to 500 square feet, or an allowance per pupil in a class of 50 of about 9 square feet; or where there is an average attendance of 40 per class, an allowance of 12 square feet. This limited floor area, taken in connection with the low ceilings, furnishes an average of not over 130 cubic feet of air space per pupil

against a standard requirement of 180 to 200 per pupil. This defect could be remedied in a number of the schools by altering class room partitions so as to make the class rooms larger, the result being fewer class rooms but a gain in size for the individual class room.

The proper ventilation of the class room is possibly the most important matter to be considered in designing, constructing and caring for the school building. Recognizing the absolute need of fresh, pure air, the laws of some of the States direct that each pupil shall be supplied with not less than 30 cubic feet per minute. In the buildings erected in this city during the past eight years, it has been the aim of the builder to provide this quantity of fresh air, and this has been more or less successfully accomplished. But in the best of those old buildings that are heated by furnaces the ventilation is very imperfect, and in some it is practically absent; and where the heating is by stoves the ventilation is nil, unless the teacher's thoughtfulness may provide a partial change of air by opening the windows, when such a course is permissible.

It is urgently recommended that this most serious defect in so many of the class rooms be remedied by placing in the school basement a low pressure steam boiler, with radiators located under a window in each class room, and provision made for bringing through the wall to the radiators a constant supply of fresh air, through metal pipes, the supply to be controlled by damper. From each class room a galvanized iron vent duct should be run up into the roof space and there gathered into a vent stack, and the foul air forced out through the roof by an electric fan.

This method of ventilating class rooms may not provide 30 cubic feet of air per minute for each pupil, but it will go far toward modifying the present distressing conditions and will amply repay the city for any outlay that it may make, in the saving of life and health of its children.

If this Department is to lend a hand in the fight against the spread of tuberculosis, conditions existing in some of the school buildings should be remedied forthwith.

Heating Apparatus—All the old Barstow furnaces should be removed. Attention has been called to their condition in previous reports. These furnaces are a menace to the health of the children and may become a source of danger to the building. Sanitary heaters should be installed in their place.

Many of the old schools, and certain rented buildings, that are heated by stoves, are so constructed that it is practically impossible to heat them by any other means. If fresh air could be supplied to the class rooms in such buildings and some method of ventilating them provided, conditions would become tolerable. However, as the ventilation here might often depend upon the whim or "feeling" of the individual teacher, it would be well to get rid of these buildings at the earliest possible day.

The method of heating and ventilating some of the new buildings is far from being a success. Results as to both are often very unsatisfactory. Radiators should be placed in the first-story halls and corridors of Schools Nos. 62, 74, 83, 84, 100.

Schools such as Nos. 75, 79, 92, 94, and buildings of equal size should be heated by low pressure steam boilers, and equipped with mechanical ventilating apparatus. In the severe weather of winter the ordinary hot-air furnace cannot keep the building comfortable, and in the effort to do so the furnace is forced to a degree that must overheat and often deprive the air of essential qualities.

Light in Class Rooms—A large number of the schools have been placed upon lots having limited yard area, and so close to the neighboring buildings as to be deprived of a sufficiency of light for the class rooms. A case in point is School No. 95, on West Lexington street, near Fremont. On the lot adjoining School No. 95 on west side, a large three-story brick factory has just been erected, which has so darkened the two

middle class rooms of first story as to make even blackboard work impossible except on the brightest days. The scarcity of light is so marked as to be depressing. Gas fixtures have been placed in the eight class rooms of the west side of this school, but gas is a very poor substitute for daylight. That the eyesight of the children may be injured as a result of these conditions is very evident.

A few years since a School Commissioner suggested to the city authorities the advisability of purchasing this adjoining lot for the use of School No. 95, foreseeing just such a contingency as has now arisen. But nothing was done, and to-day one-half of this school is unfit for its purpose and cannot again be made so except at great expense. School No. 95 was erected in 1890; the building cost $25,000 and the lot $15,000. If another factory should be erected on the east side, this school might be suitable for storage warehouse purposes, but scarcely for anything else.

A sketch plan of the lot and buildings is submitted herewith:

The following is a list of those schools having a more or less contracted yard area or playground accommodation, and which stand so close to adjoining lots that the class rooms do not now receive a sufficiency of sunlight or even daylight, and which may have the light supply further shut off when buildings shall have been erected on these lots. The distance that class room windows should stand from surrounding buildings in order to secure unobstructed light depends on the proximity and height of such buildings erected or to be erected, and in the opinion of a late writer on this subject—Dr. Stuart H. Rowe—"It has been found that neighboring buildings should be distant not less than twice their height from a school building." This requirement may be in excess of the possibilities of the average city school site, but if the pupil sitting in the class room furthest from the window is to be enabled to see the sky, it is capable of demonstration that this distance must be preserved. The list follows herewith, showing the distance school buildings stand from adjoining lots:

School No. 1.
On south and west, street fronts.
On east, 19 feet.
On north, abutting.
Yard very contracted, about 2,400 sq. ft.

School No. 4.
South and west, street fronts.
On north, 15 feet, about.
On east, 13 feet.

School No. 6.
West, street front.
East, alley.
North and south, about 9 feet each.
Some rooms dark.

School No. 8.
West, street front.
East, large yard.
North and south, from 5 to 6 feet each side.

School No. 9.
South side, 12 to 15 feet—some rooms dark.
East and north, street fronts.

School No. 10.
Adjoining property awaiting condemnation proceedings.

School No. 12.
North and east, street fronts.
West, 12 feet.

School No. 17.
East and north, street fronts.
South, 12 feet.
Some rooms dark.

School No. 20.
South and east, street fronts.
West, about 25 feet.

School No. 21.
Front and one side, street fronts.
Northwest side, about 15 feet.

School No. 22.
North, street front.
East and west, 13 feet each.

School No. 23.
West and south, street fronts.
North 18 feet.
East, 6 feet.

School No. 24.
North and west, street fronts.
East side, 15 feet, about.

School No. 25.
West front, street.
North and south side, about 20 feet each.
Rear, 20 feet.

School No. 26.
South front, street.
East and west sides, 17 feet each.
North, 10 feet.
Some rooms dark.

School No. 27.
East and north, street fronts.
West side, about 24 feet.

School No. 28.
East and south, street fronts.
West, narrow alley.
North, about 15 feet.

School No. 31.
West and south, street fronts.
East, 20 feet.
North, narrow alley.

School No. 32.
East and north, street fronts.
South, 13 feet.

School No. 33.
West front, street.
South and east, alleys.
North side, 23 feet.

School No. 42.
East and north, street fronts.
South side, about 12 feet—very dark rooms.

School No. 44.
West front, street.
North and south, 22 feet each.

School No. 45.
East and north, street fronts.
South side, 11 feet.

School No. 50.
North and west, street fronts.
East side, 7 feet.

School No. 52.
North and west, street fronts.
East side, 10 feet.

School No. 58.
North front, street.
East side, alley.
West side, 8 feet.
Rear, 34 feet.

School No. 60 Br.
North and south sides, abutting.
East, street front.

School No. 65.
East, street front.
North and south, about 8 feet each.

School No. 68.
East and north, street fronts.
South side, 16 feet.

School No. 71.
East and south, street fronts.
North side, 14 feet.

School No. 73.
West, street front.
South, wide yard.
North, about 12 feet.

School No. 77.
West front, street.
North and south, 20 feet each.

School No. 80.
West and south, street fronts.
Rear, alley.
North side, about 15 feet.

School No. 82.
South front, street.
East and west sides, 17 feet each.

School No. 91.
Southwest, street front.
Sides, 17 to 18 feet each.
School No. 93.
South front, street.
East side, about 12 feet.
School No. 95.
South and north, street fronts.
East and west sides, 10 feet each.
School No. 100.
Saratoga street, rented as offices.
South, street front.
East and west sides, 7 and 12 feet each side.
School No. 101.
South, street front.
West and north, yard.
East, about 6 feet.
Some rooms very dark.
School No. 105.
West, street front.
North and south sides, 13 feet each.
Rear, 25 feet.
Some rooms dark.
School No. 106.
South, street front.
East and west sides, 10 to 15 feet each.
School No. 107.
Southeast front, street.
Sides, about 15 feet each.
School No. 108.
East, street front.
North and south sides, 15 feet each.
School No. 111.
Should be abandoned.
School No. 116.
Southwest, street front.
Sides, about 15 feet each.
Rear, abutting.

Dark Wood Ceilings—All class rooms having wood ceilings, either oiled or varnished, that have grown dark with age, would be greatly benefited if the ceilings were painted a white or a very light color.

	CENTRAL.						SOUTHERN.						EASTERN.					
	Coal.					Wood.	Coal.					Wood.	Coal.					Wood.
	Hard.			Sun.	Bit.		Hard.			Sun.	Bit.		Hard.			Sun.	Bit.	
	No. 1.	No. 2.	No. 3.				No. 1.	No. 2.	No. 3.				No. 1.	No. 2.	No. 3.			
Quemahoning Coal Co					$3 23													
Consumers' Coal Co								$6 09	$6 09	$6 09								
Samuel & McKay												$5 94						
The Chesapeake Co	$5 31	$5 72	$5 73	$5 84				6 09	6 09									
W. J. Chapman							$5 74				$3 19							
E. S. Brady & Co						$5 74							$5 54	$5 89	$5 89	$5 89		$5 24
Wilcox & Ziegler																	$3 25	
	NORTHWESTERN.						NORTHEASTERN.						WESTERN.					
Cumberland Coal Co					$3 35						$3 35							
Consumers' Coal Co						$6 23						$6 23						
Geo. J. Hafer		$6 25		$6 50										$6 06	$6 06	$6 25		$6 00
The Chesapeake Co			$6 27					$5 71	$5 72	$5 91								

The Modern School Building—In the Report for 1903 the requirements of a modern school building were summarized under some fifteen headings. To these, the experience of another year, directs me to add and to emphasize the need of larger lots. If the fine new Eastern High School could be placed in the centre of an entire city block, instead of completely covering its limited area, its appearance would be almost monumental.

Desks—No pupils' desks were purchased during the year.

Sanitary Conditions—Sanitary conditions continue to be improved. Some buildings, however, need further attention, as Schools Nos. 54, 1, etc.

Water—On each floor of every building there should be placed drinking fountains and a water supply for the use of janitresses in cleaning the floors, windows, etc.

Where drinking troughs have been placed in the toilet (or latrine) rooms they should be removed at once. It was a mistake to so locate them.

Fuel—The coal required for heating for the season 1904-5 was purchased under contract at prices shown in the accompanying table. The analysis or "percentage of ash" requirement was not exacted, the result being that a greater number of dealers submitted competitive bids, and coal was secured at a lower price.

JANITOR SERVICE.

The changes made during the year 1904 were as follows:

Engineers appointed	3
" resigned	0
" deceased or dropped	2
Firemen appointed	8
" resigned	2
" deceased or dropped	7
Janitors appointed	5
" deceased, etc	0
Janitresses appointed	21
" resigned	17
" deceased or dropped	5

Total number of employees December 31, 1904:

Engineers	11
Firemen	70
Janitors and watchmen	12
Janitresses	192
Total	285

The Table B contains a variety of statistical information.

Respectfully submitted,

BENJ. B. OWENS,
Supervisor of School Buildings.

TABLE B.

Group.	School.		Materials.	Stories.	Class-Rooms.	Seats.	Heating Apparatus. Steam Boilers.	Smead Hot Air Furnaces.	F. W. Hot Air Furnaces.	Brick Set Furnaces.	Portable Furnaces.	Stoves.	Ventilation. Forced by Fans.	Gravity System.	Old Vent Stack.	Windows.	Smead System.	Stack Heaters.	Kind of Closet. Latrines.	Water Closets.	Smead Dry Closets.	Privies.	Fuel July, 1903, to July, 1904. Hard Coal, Tons. No. 1.	No. 2.	No. 3	Tons Sunbury.	Tons Bituminous.	Cords Wood.	Ordinary W. C.	Gas Range.	Gas in Building.	Electric Current.
A		47	Brick	3	22	1068	2						a						a								150	1	1	1	a	
		38		2	8	335						9				d			b					15		2		1½		1	a	
		3		2	16	801		2		5	1	2					e	2	a				30	60	44	2		3		1	a	
		24		2	12	611		4									e	2	a					15	58	2		4		2	a	
B		42		2	20	948		5				3					e	2	a					26	94			2		1	a	
		6		2	12	608						13				d			b					36		2		5	2		a	
		23		2	13	727				4		3			c			2	a					53	15	2		3½		1	a	
		25		2	16	842		4				3					e	4	a					10	65	2		4½		1	a	
C		84		3	21	939	2						a						a								130	½		2	a	
		70		2	16	750					5	2				d			b					45	5	3		2		1	a	
		17		2	12	327						14				d			b					25	5			3		2	a	
		28		2	11	463						12				d		1	a					23	15			4		1	a	
		33		2	12	611		3			1	1					e	3			d			15	59	3		3		1	a	
		35		2	12	650		3		1							e	3			d			15	62	2		4		1	a	
D		93		2	16		Water 2					1			c				b					40		2		3½		1	a	
	W. Br.	93		3	10	1644					1	6				d						1		31				3				
	E. Br.	93		3	10						2	1				d			b					22				1½		1	a	
		2		2	13	544						13				d			b					30		1		2		1	a	
		8		2	14	696						18				d			b					52		2		3½		1	a	
		108		2	11	390						11				d						2		20				1½		1	a	
E		77		2	18	813					6					d			a					70	1	1		3	1	1	a	
		97		3	9	388					1	9				d						2		26				1½				
		27		3	13	631						15				d			b					35				4		1	a	
		13		2	12	622		3									e	2	a					70	18			1½				
		83		3	21	1049	2						a						a								185			1	a	
F		71		2	16	766				5		6			c			2	a				60	20	10	2		3		1	a	
		26		2	10	497					4					d		1	a					48		2		3		1	a	
		111		2	10	560						11				d						2		28				2		1	a	
	Branch	111		3	4							5				d						1		13				1			a	
		5		2	16	938				6		1			c			1	a				78	16	4	1		4		1	a	
		101		2	6	336						10				d			b					26				2		1	a	
G		43		2	24	1204				6	1				c			1	a				56	31	15			5		2	a	
	Branch	43		3	2							4				d						2			9			1½	2		a	
		7		2	11	538					4					d						2		40				2		1	a	
		73		2	16	705					4					d			b					57				2		1	a	
		105		2	12	658						12				d			b					43				1		1	a	
H		45		2	14	707					6					d		2	a					66	6	2		3		1	a	
		113		2	11	670			3		1	2					e	3	a						50	1		1		1	a	
		49		3	7	234						5				d						1		4	7			2		1		
		16		2	12	604				5		2			c				b				45	16	5	2		1½				
I		32		2	12	632			3		1	1					e	3			d			15	85	1		5		1	a	
		80		2	25	1220		6				3					e	3	a						125	2		4		1	a	
		20		2	30	1514					8	2				d		1	a					95	10	2		3		1	a	
J		74		3	23	1090	2						a						a								255	2	1	1	a	
		99		2	16	847		4			2	1					e	2	a					4	96	2		2½		1	a	
	Portable	99	Frame.	1	1	49						1				d																
		90	Brick.	3	11	608					2	10				d			a					54	3			3				
		37	"	2	12	624		3				1					e	2			d				60			2½		1	a	
	Portable	37	Frame.	1	1	48						1				d																
		94	Brick.	2	26	1446		2		7		1			c		e	2	a				44	35	28	2		3½		1	a	
K		51	"	2	16	1097						16				d		1						64	3			3½		1	a	
	Branch	51	"	2	7							6				d		1						20				1½				
		54	"	2	20	949				3	4	1			c			2	a					125				4½				
		53	"	3	17	826	2					1	a							c							146	2		1	a	b
		52	Stone.	2	8	301						8				d						2		20	3			1½	1			
		115	Frame.	1	4	270						4				d						1		18				1				
	Branch	115	"	2	2							2				d						1		3								
		50	Stone.	2	4	350						6				d						2		15	6	1		1				
	Branch	50	Frame.	2	3							4				d						2		9	3			½				
L		76	Brick.	2	18	844				6	2	4				d		2	a					75	25	14	3	3				
M		44	"	2	14	640					6					d		2	a					59				3½		1	a	
		106	"	3	20	988				8					c			3	b				60	13	3			2		1	a	
		92	"	2	20	932				6	2				c			1	a				65	20	6	3		4		1	a	
		29	"	2	12	553				5	2	2			c				b				30	30		3		3½				
		4	"	3	16	719			7		2							2	a				75	10	8			2½		1	a	b
N		72	"	2	18	873				5	2	3			c			2	a				55	49		4		5	2	1	a	
		12	"	2	14	647						16				d		1	a					33	7	2		6½				
		22	"	2	15	696						16				d			b					31	6	1		4				
		34	"	2	12	660		4			2				b			2	a				6	15	58	3		2½		1	a	
		109	"	2	12	543						9				d						2		24				½				
	Branch	109	Frame.	1	1	64						2				d						1		3½				1				
O		48	Brick.	2	12	577		3			1	2					e		a					29	49	1		3		1	a	
		30	"	2	16	796					4	2			c			1	a				30	33	5	2		3½	1		a	
		19	"	2	13	597					4	2			c			1	a				40	34	5	2		3½				
	(R)	10	"	3	7	483						2				d			b					16	5			½	1	1	a	
	Branch	10	"	3	4							4				d						2		3	6			½				
P		68	"	2	13	580	Water 1	4				1					e	2			d				93			3		1	a	
		66	"	1	4	184						5				d						1		1	16			2				
		67	"	1	6	267		3				1					e	2			d				61			2				
		96	"	2	17	836	Water 2		6						b			4	a				50	24	18			2½		1	a	
		98	"	2	8	380						8				d						1		19	3			1				
Q		78	"	2	17	745	1	4			1	1			c			4			d		20	5	90	2		4½		1	a	
		11	"	2	20	914				7	1	4			c			2	a					95	10	2		4		1	a	
		63	"	2	13	592	1	3			2	2					e	2			d			5	87			2		1	a	
R		65	"	2	10	460		2			2	3					e	1			d			20	48			2		1	a	
		75	"	2	23	1184				8	4	4			c			1	a				10	110	21	3		6		2	a	
		15	"	2	15	728					6	2				d		1	a					53	11			2½				
		31	"	2	12	520		3			1	1					e	3			d			45	34			2½				
		39	"	2	12	533				3	2	2			c			1	a				26	40	11	1		3				
S		95	"	2	16	831		4			1	1					e	2	a						100			1½		1	a	
		1	"	3	14	642				7	2	2			c				b				95	20				2		1	a	
		9	"	2	16	701				6	2	2			c			1	b				78		10	1		1½		1	a	
		82	"	2	14	583					4					d		1	b				10	42	10	2		2½		1	a	
T		79	"	2	24	768		6				1					e	4	a						110			3		2	a	
		21	"	2	12	593					4	2				d						2		43	10	1		3				
		46	"	2	16	613				5	1	1			c			2	a				83			2		2½	2			
		91	"	2	12	477					4					d		1	a					45	10	1		2		1	a	
U		61	"	3	18	835		8				1	a					2	a						212		10	2		1	a	b
		14	"	2	14	653					6	2			c			1	a				86	10	3	1		1		1	a	
		60	"	2	14			4				2					e	3			d				106			4½		1	a	
	Branch	60	"	2	6	939						6				d						1		12				1				
		81	"	2	18	691					7	2				d		1	a					85	12	1		3½		1	a	
V		62	"	3	23	1098	2						a						a								245	5	1	1	a	
		59	Frame.	2	4	159						3				d		2				2		9				1½				
		64	"	2	4	151					1					d				c				23								
	Branch	64	"	1	2	84						2				d		1														
		112	Brick.	3	18	1366		6					a					2	a					28	127			2½		1	a	b
		118	"	2	8	448						9				d						2		30	3			2	1			
	Branch	118	"	1	1	66						1				d		2				2		1	5			½				
W		55	"	2	24	1180		2	3		1	1	a				e	3	a		d			13	78	4	148	5½		2	a	
		56	"	2	8	351						8				d						2		23	11			3				
		57	Frame.	1	6	302						7				d						2		20	5			4½				
		58	Brick.	2	8	442	Water 1					8				d			b					33				2				
P.S.	C., H. & T.		"	2	16	289		4			1	8					e	4	a					11	123	1	5	5		1	a	
	Shop C., H. & T.		"	2								4				d																
	Br. C., H & T.		"	2																												
	Annex C., H. & T.		"	3	2							2				d												2				
		100	"	3	17	804		2					a						a										1	a	
		107	"	2	12	581						12				d						1		28	6			2½				
		110	"	2	20	923				1		4			c			2	a				102	14	16	2		3	1		a	
		116	"	2	12	562						12				d			b					23	6			1½	1		a	
	Admn. Bldg.		"	3			Water 1									d								27	12	3		½	5		a	b
	B. C. C.		"	4	22	1304	Steam 2							b						c					3		288	2			a	b
	E. H. S.		"	2	14	1000	Water 4				1	6			c			1	a					68	20			4		2	a	b
	W. H. S		"	3	25	1233	Steam 2							b				2		c							150				a	b
	B. P. I.		"	3	13	574	2								c					c		1		6			266				a	b
	M. T. C. No 1.		"	1	1							2				d								8	2			½				

ANNUAL REPORT

—— OF THE ——

Superintendent of Lamps and Lighting

—— TO THE ——

MAYOR AND CITY COUNCIL OF BALTIMORE

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1904,

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
CITY PRINTERS

1905

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Rules for the Government of the Employees of Thsi Department.

1. District Superintendents will patrol the district to which each may be assigned, night and morning, and maintain a thorough and practical supervision over the street lighting system of the city, in order that the very best service may be obtained at all times. They must report all defective street lights in their respective districts and fully explain in their reports the cause of such defects.

2. They must see that the lanterns, globes, bottom glass, street signs and other lamp fixtures are properly adjusted and are kept thoroughly cleaned at all times, and must report any failure on the part of the contractors or their employees, to properly perform this work.

3. They must see that the street lamps are lighted each night and extinguished each morning strictly in accordance with the official schedule of lighting issued by this Department, and report any failure of the lamplighters to comply with this requirement.

4. They must thoroughly acquaint themselves with each and every condition in their respective districts bearing upon the work of this Department, in connection with the lighting service, and must make such recommendations as in their judgment will improve the street lighting system.

5. They must keep an accurate account of the number and location of all gas and naphtha street lamps and unused lamp posts in their respective districts, and be prepared to furnish the Superintendent of Lamps and Lighting information as to the exact location of each lamp and unused lamp post.

6. When new street lamps are ordered by the Superintendent of Lamps and Lighting, the District Superintendents must see that they are placed in the exact location as ordered, and that the pavement at the base of each post is put in proper condition and report in writing to the Department when these lamps go into service. Lamps should not be placed against trees, telegraph or telephone poles.

7. They must keep an accurate account of all street lighting equipment, and must specify that portion of it that belongs to the city and that owned by the contractors. They must report to the Department all broken or wrecked lamp posts and fixtures found in their respec-

tive districts, and see that all needed repairs are promptly made by the contractors, including the repair of the pavement at the base of all posts.

8. They must see that all the street signs which are attached to houses in the electric light districts of the city are properly adjusted, and must report to the Department any such signs that may be found hanging or out of place—giving the location where such signs are to be found.

They must report to the Department the necessity for street signs in such localities of their respective districts, where, in their judgment, the convenience of the public may demand, and must specify whether for street lamps, houses or unused lamp posts, giving the location where such signs are to be placed.

9. The District Superintendents will be required to make a lamp-to-lamp inspection every three months during the year, and must report all defects found and all repairs needed.

The method of this inspection must be conducted in the day time, and with the assistance of the lamplighters.

The District Superintendents, with the assistance of the lamplighters, will examine, in the most thorough manner, each street lamp, and must carefully note and report every defect found in connection with the lantern, burner and lamp post. They must note and report every lamp post found to be leaning, and report any defects found in the pavement at the base of each lamp post. They must also report the necessity for painting the lamp posts and fixtures.

After this inspection has been made, and the reports, setting forth the necessary repairs to be done, submitted to the Superintendent of Lamps and Lighting, the District Superintendents must follow up this work, and see that all repairs are made by the contractor in a manner satisfactory to the Department.

10. They must acquaint themselves with and keep a correct record of the location of all stores dealing in and selling at retail, coal oil, in their respective districts, and must collect at least three samples of coal oil each day from different dealers. They must also collect samples of oil from the delivery wagons of all companies and persons engaged in selling oil to local dealers.

11. Any District Superintendent who may be found guilty of any irregularities in connection with the collection of samples of oil will be promptly dismissed.

12. District Superintendents must report to the Department each morning not later than 10 o'clock.

13. Any District Superintendent who fails to comply with these rules in any particular will be dismissed.

INSPECTOR OF GAS METERS.

The Inspector of Gas Meters will perform the work of inspection strictly in accordance with the provisions of the law bearing upon the inspection of gas meters.

He must exercise the greatest care, not only in his inspection of the meters, but in the preparation of his reports and records bearing upon every detail in connection with his inspection, testing, sealing, etc., of each meter so as to avoid any errors which might give rise to confusion.

COLLECTOR OF GAS METERS.

The Collector of Gas Meters must be careful in removing and replacing all gas meters in the premises of the consumers.

In disconnecting the meter from the supply pipe at the residence of the complaining consumer, the utmost care must be taken by the mechanic or collector that all stop cocks and gas burners throughout the house are turned off. He must be particularly careful in turning off the gas supply where it enters the cellar from the street, so as to prevent the escape of gas.

In replacing gas meters in the premises of the consumers when same have been found to be correct, the collector or mechanic must be careful to make the necessary connections to the service pipe of the company in a manner that will insure perfect safety against the escape of gas.

Before turning the supply of gas into the meter he must insist upon the occupants of the house to examine every gas burner in the house and see that the gas burner or stop-cocks are all turned off.

When he has received assurance from the occupants of the house or place of business that all gas and stop-cocks throughout the house or place of business are all turned off, he will then turn the supply of gas into the gas meter and will then make his usual tests for the purpose of finding any leaks or other defects of gas that may exist, and must resort to any other method which in his judgment will insure perfect safety against accidents of any kind.

Necessary materials, such as washers and other material, must be at all times in the possession of the collector or mechanic, so as to be ready for all emergencies.

Before removing the meter from the premises of the consumer, the collector or mechanic must call the attention of the consumer to any defects that may be discovered in the meter.

He will also be required to take monthly statements or readings of gas and electric meters located in all municipal buildings, markets, etc.

INSPECTOR OF GAS AND OILS.

The Inspector of Gas and Oils will make all inspections of gas and oil strictly as required by the provisions of the law bearing upon the subject.

He must inspect at least twenty (20) samples of oil daily.

He must inspect at least 12 gas burners, which are to be taken from the street gas lamps and delivered to him by the mechanic of the Department every two weeks.

He must keep correct records of all tests of gas, oils and gas burners.

He must enter in a book, kept for that purpose, each day the statement of the result of all gas meter tests made in the Department.

He must also perform such other duties as may be ordered from time to time by the Superintendent of Lamps and Lighting.

THE INSPECTOR AT LARGE.

The Inspector at Large must keep general supervision of the electric arc light service throughout the city, ascertain the cause of all defective electric lights, and where it is within his power to do so he must correct the cause of the trouble; otherwise he must call the contractor's attention to the existing defects that the same may be adjusted promptly.

He must recommend any alterations or repairs of the electric arc lamps which he may find to be necessary for the improvement of the electric lighting service. He must superintend the erection of all additional electric lamps which may be ordered from time to time throughout the city, and also superintend all alterations, repairs and readjustments of all such lamps and equipment, and must report to the Department any failure on the part of the contractors or their employees to execute the work properly.

He must perform any other service that may be ordered from time to time by the Superintendent of Lamps and Lighting.

General Rules for the Government of all Employees of the Department.

1. Any employee of this Department who shall solicit contributions of money or material of any of the contractors doing work for the city through this Department, or from any other person employed by the contractors, either as a loan or otherwise, will be dismissed at once.

2. Any employee found under the influence of liquor, or who may be negligent or insubordinate, or in any way interfering with or obstructing the work of this Department, shall be suspended, pending an investigation.

3. Any employee who shall absent himself from work, without good and sufficient cause, will be dismissed.

4. Any employee who shall fail to comply with any of the rules which apply to his particular work, will be dismissed.

5. Employees must not, under any circumstances, entertain visitors or friends during office hours on other than business connected with the Department.

6. Any employee who shall make a misstatement, or who shall falsify his report as to his particular work, will be dismissed.

7. Employees must treat all persons having business with the Department with courtesy, and must conduct themselves with proper decorum at all times.

8. Employees must carefully read the foregoing rules and familiarize themselves with them.

REPORT.

OFFICE OF
SUPERINTENDENT OF LAMPS AND LIGHTING,
CITY HALL.

BALTIMORE, MD., January 1, 1905.

To the Honorable The Mayor and City Council of Baltimore.

GENTLEMEN: In accordance with the requirement of the City Charter, it is my pleasure to submit for your consideration, a report showing the work performed by this Department during the year 1904.

At the present time there are in service throughout the city 9,416 street lights, 6,670 being incandescent gas lamps, 1,147 incandescent naphtha lamps and 1,599 arc electric lamps.

The gas lamp posts and lanterns, with the exception of about 425 lamp posts and 150 lanterns, are owned by the city. The incandescent naphtha and the electric lamps and equipment and 425 gas lamp posts and 150 gas lanterns are owned by private companies.

All street lamps are operated by contract and the service has been maintained during the year by the contractors, at a very high standard of efficiency.

The cost for the maintenance of the arc electric lamps is at the rate of $99.92 each lamp per year, and for the maintenance of the incandescent naphtha lamps, $23.45 each lamp per year, the same as in the year 1903.

Since March 1st, 1904, the cost to the city for the maintenance of the incandescent gas lamps is at the rate of $13.00 each lamp per year, which is $1.15 each lamp a year less than paid for the same service during 1901, 1902 and 1903.

Beginning March 1, 1905, the same service will be furnished the city at a cost of $9.00 a lamp a year, or $4.00 each lamp a year less than the present contract price. As a result of the new contract the city will effect an annual saving of about $26,680.00, or, during the three year term of the contract, a total saving of $80,040.00.

The cost of the supply of gas is the same that was in effect during 1903, viz.: $7.25 each lamp a year.

ADDITIONAL STREET LAMPS.

During the year there were installed 151 additional gas lamps, 124 naphtha or gasoline lamps and 70 arc electric lamps, making a total of 351 additional street lamps of all kinds placed in service.

The Gas Company having laid its gas mains in several streets in the Annex, about 75 naphtha lamps were replaced with gas lamps during the year. Whenever conditions will permit this is an improvement deemed advisable for the best interests of the city.

Eighty-three (83) electric lamps, 14 gas lamps and 7 naphtha lamps were put out of service for a time as a result of the great fire, February 7 last. About 50 per cent. of these lamps have been placed again in service in the Burnt District and the balance will be re-installed as soon as conditions in that district will permit.

The widening of several streets in the Burnt District will necessitate the installation of two electric lamps at the intersections of all such streets. This will be done as soon as the new grades and kerb lines are finished.

ELECTRIC LAMP ALTERATIONS.

About one hundred and fifty (150) electric lamps in various sections of the city were altered, repaired and transferred during the year, made necessary for the betterment of the street lighting service.

NEW STREET SIGNS.

New street signs of an improved pattern—4 inches wide by 24 inches long, blue enameled background, with large white letters—have been attached to unused gas lamp posts, at every intersecting street on Fulton avenue from Baltimore street to Pennsylvania avenue; on Huntingdon avenue north from 25th street to 30th street, inclusive; Chestnut avenue north from First avenue to Third avenue, inclusive; Third avenue west from Chestnut avenue to Falls road, inclusive; Roland avenue north from Third avenue to Merryman avenue, inclusive; and on Baltimore street east from Sharp street to Centre Market Space, inclusive.

Street signs similar to those described above have been constructed and are about to be placed on unused lamp posts located on the following streets:

Lafayette avenue from Pennsylvania avenue to Fulton avenue; Pratt street from West Falls avenue to Smallwood street; Remington avenue from Thirtieth street to Cedar avenue; Sharp street from Baltimore street to Stockholm street; Hanover street from Baltimore street to McComas street; Light street from Baltimore street to Wells street; Marshall avenue from Wells street to Hammond street; Fort avenue from Light street to Garrett avenue; Hughes street from Light street to Covington street; Charles street from Baltimore street to Randall street, and Pennsylvania avenue from Greene street to Retreat street.

INSPECTION OF GAS METERS.

During the year this Department inspected and proved 46,376 gas meters for the Consolidated Gas Company (the majority of which were repaired meters), and on complaint of consumers 127 meters were tested, making a total of 46,503; or 17,543 more than were tested in 1903. Of the number of gas meters tested for complaining consumers 41 were found to be fast, and 86 were found to be correct.

This large number of gas meters tested for the Gas Company during the year is unprecedented in the history of the Department, and necessitated an expenditure of about $1,000 for additional facilities for the execution of this increased work. This additional expense was not anticipated when the schedule of estimates was made up for the year 1904, but by the exercise of strict economy in our gas and maintenance account during the year we were enabled to pay it out of that fund.

This work is a very strong evidence of the progressive spirit of the present management of the Consolidated Gas Company and will undoubtedly result to the benefit of the consumers.

The law allows a meter to be sealed as correct that does not vary more than two per cent. from the standard measure (100) either fast or slow. Out of the total number of new and repaired meters which were inspected for the Consolidated Gas Company, 237 failed to pass inspection; these meters were returned to the Gas Company for re-adjustment and repairs, and were again inspected and sealed by the Department.

The number of meters tested upon complaint of the consumers during the year 1904 was 127, of which 41 were found to register fast (or incorrect), and the fee of one ($1.00) dollar in each case was refunded to the applicant, and said fee charged to and collected from the Consolidated Gas Company, as required by law. The remaining 86 meters were found to register correct (or that standard prescribed by law), and were replaced, by the employees of the Department, in the premises of the consumer, and the fee of one ($1.00) dollar retained, as required by law.

In the inspection of gas meters it is absolutely necessary to arrange that the temperatures of the water, air and meters should be very close, not allowing a variance of more than two degrees to exist between them. Gas meters passing inspection, that is, registering inaccurately within two per cent. of the legal standard and under proper conditions, are sealed with the date of inspection.

A gas meter is "Fast" when it registers more gas than it passes; that is, the amount registered, from which the Gas Company makes out its bills, is greater than the actual amount consumed.

A gas meter that is "Slow" will register less gas than it passes, and thus is in favor of the consumer and against the Gas Company.

Gas meters should be set in accessible places, not more than five feet from the floor, where they can be easily read, and where, in case of a broken fixture, or an accident of any kind happening, the supply of gas can be quickly shut off.

Gas meters should not be set in damp places, where it is liable for the dampness to corrode them, and thus cause an escape of gas which may result in accident.

FEES FOR THE INSPECTION OF GAS METERS.

Prior to May 1, 1903, the city received a fee of 25 cents from the Gas Company for each and every gas meter tested. At that time the Gas Company made the claim that the city had no authority by law to charge a fee for re-testing second-hand or repaired meters, such meters having been tested when new, and the law, so the Company claimed, only applied to fees for testing new meters. In this claim the Gas Company was sustained by the courts. So that under the decision of the courts the city collected but 25 cents for each *new* meter tested from May 1, 1903, to May 31, 1904.

An ordinance was passed by the City Council and approved by the Mayor May 31, 1904, authorizing a fee of 25 cents to be charged for testing *new* and *repaired* meters.

Upon being presented with bills, by this Department, in accordance with the provisions of that ordinance, the Gas Company, through its counsel, protested against the payment of the bills upon the ground that, according to several decisions by the Court of Appeals the city had no legal right to charge

more than the cost for testing each meter (which is at the rate of 10 cents each); in other words, that the city had no legal authority to make a profit from its inspections.

The matter was then referred to the City Solicitor by the Department, who advised that the contention made by the Gas Company was correct, and that a new ordinance, authorizing a fee of 10 cents for testing all meters (which is the actual expense to the city) be introduced in the City Council, which has been done. A final settlement of the matter is still pending. In the meantime no fees for testing meters have been collected since May 31, 1904.

The increased business of the Consolidated Gas Company seemed to have demanded a greater number of gas meters than in former years, which made it necessary for the Department to install two additional gas meter provers to meet the requirements in this branch of the Department. These provers were purchased and installed at the beginning of the year.

GAS PRESSURE GAUGES.

Five Bristol Recording Gas Pressure Gauges were installed in five fire engine houses located in various sections of the city. By the adoption of this plan the Department will be in a position to have an exact record of the pressure of the gas measured every minute of the day and night by these instruments. Five gauges in addition to those now in service will be placed in different sections of the city during the year 1905.

IMPROVEMENTS IN THE LABORATORY.

That the highest standard of efficiency may be obtained, improvements and alterations have been made in the laboratory of the Department, by the addition of new instruments and apparatus. Ornamental casings with plate glass fronts have been erected over each photometer to protect them from dust and dampness.

Orders have been given for a new "Referee" Sulphur and Ammonia apparatus for the purpose of obtaining an accurate and quantitative determination of the amount of sulphur, ammonia, etc., in the gas, which will be installed in the laboratory after the first of the year. This apparatus will be a decided improvement and will enable us to secure results more rapidly and accurately than under the old system and will place this branch of the Department in a position to be equal, if not superior, to any of its kind in any other city.

GAS TESTS.

Photometric tests have been made daily to determine the candle-power and quality of the illuminating gas, as required by law, and the results show that the illuminating quality of the gas averages higher than for the preceding year.

There has been a very marked improvement in the service, both as to the product and output, due, no doubt, to the excellent management of the present officials of the Consolidated Gas Company. The standard of test is rated at five cubic feet per hour, computed with a standard sperm candle, burning not more than one hundred and twenty grains of spermacetti per hour.

The supply and pressure have been improved during the past twelve months.

STREET LAMP BURNERS.

At intervals during the year a number of the city street lamp burners have been taken from the lamps and brought into the laboratory where photometric tests have been made to determine their light-giving power, and the burners have been found, as a result of these tests, to measure up to the standard of light requirement under the terms of the contract, in nearly every case.

ILLUMINATING OIL.

A daily patrol of the city, made for the collection of samples of illuminating oil from the retail dealers, has been maintained in a strict and thorough manner, and 6,240 samples were collected, brought into the laboratory and there tested each day during the year. Of the 6,240 samples tested, 55 fell below the legal standard. Warrants were sworn out and the offenders arrested and made to pay the penalty prescribed by law.

About five per cent. of the samples of oil tested flashed at 120° and the balance flashed in the range from 120° to 151° Fahr.—the density being from 48° to 49° Beau.

During the year a change was made in the system of collecting the samples. The city was re-districted and the work of collection divided among the seven District Superintendents, which plan is a vast improvement and affords a greater protection to the consumers of coal oil than under the old method, when but one man was assigned to do this work.

This system involves no greater expense than under the old system.

UNUSED GAS LAMP POSTS.

One hundred and fifty or more unused lamp posts throughout the city were taken up at the expense of but eighty-eight (88) cents each post. These posts were used for additional street lamps placed in service during the year. By this arrangement the Department was saved the necessity of purchasing new lamp posts at a cost of about $7.00 each.

RECOMMENDATIONS.

INSPECTION OF GAS.

The city's right to inspect and supervise the conditions in connection with the manufacture and distribution of the illuminating gas at the several stations of all Gas Companies and persons furnishing gas to consumers within the city, and at any other point along the line of gas mains throughout the city, should be established by ordinance of the Mayor and City Council without further delay.

The enactment of such a law would result in safeguarding a condition of vital importance to the general public and with which it (the public) is brought into contact almost hourly each day during the year, and which would thereby furnish a protection such as the taxpayers of Baltimore have a right to demand from the city authorities.

Such a law is in force in several other cities of the country, notably in all the cities in the State of Massachusetts, where the most excellent system of inspection and supervision prevails, and the results, so I am informed, are satisfactory in all respects both to the Gas Companies and to the consumers of gas.

Therefore, I again recommend, in the most emphatic manner, the enactment of the necessary legislation which will give to the city the authority to make such inspection.

INSPECTION OF GAS METERS.

While the city is empowered by law to inspect and test gas meters, yet the law is not sufficiently far-reaching in this matter.

The law requires, Section 12 of Article 28, Baltimore City Code, 1893, that: "It shall not be lawful for any Gas Company to put in use in the City of Baltimore any gas meter which shall have been discontinued, or any meter that has been in the use of any other consumer, unless the same has been re-inspected and re-stamped by the Superintendent of Lamps and Lighting."

The city is authorized by law to inspect, test and stamp all gas meters at the testing rooms, which is done, but the city has no legal authority to trace the meters after they have been tested and stamped and after they are taken away from the Department by the Gas Companies. So that the city is not in a position to know whether or not the law quoted above is being complied with by the Gas Companies.

The city, therefore, should have the authority by law to inspect all books and records in possession of all Gas Companies

or persons, which may show the disposition of all such meters after they have left the testing rooms of this Department.

By this plan the city would be enabled to trace each gas meter while in use and during its life.

I, therefore, recommend the necessary legislation which will give the city such authority.

RENEWAL OF OTHER RECOMMENDATIONS.

I respectfully renew my recommendations embodied in former reports, for the enactment of law with reference to lamps on private streets and alleys, arc electric lamps at all dangerous railroad crossings, to be operated and maintained at the expense of the Railroad Companies, and the trimming of all shade trees where the foliage of such offer an obstruction to the proper diffusion of light from the street lamps.

FINANCIAL STATEMENT.

The cost of lighting the city for the year ending December 31, 1904, was as follows:

Gas lighting and maintenance	$135,001 64
Electric lighting and maintenance	155,103 67
Naphtha lighting and maintenance	23,694 68
Salaries	12,458 47
Incidentals	265 64
Total	$326,524 10
Total appropriation for the street lighting service for the year 1904	$333,547 28
Total expenditures	326,524 10
Balance	$ 7,023 18

Out of which balance provision has been made for $6,277.01 for the part payment of bills for the month of December, 1904, usually paid out of the appropriation for the next year succeeding. This arrangement still leaves a net balance December 31, 1904, of $746.17.

CONCLUSION.

It has been our endeavor to conduct the affairs of the Department during the year in accordance with the same business system which has characterized our work in the past.

I desire to acknowledge my sincere thanks for the many courtesies extended during the year by the heads of the several departments of the city government.

I desire also to thank my assistants in the Department for their faithful and efficient work performed at all times.

Yours very respectfully,

ROBERT J. McCUEN,
Superintendent Lamps and Lighting.

SPECIFICATIONS

For Installing and Maintaining Electric Arc Lamps, or for other Lamps of an Equal Candle Power, for the City of Baltimore.

1. Bids must be submitted in sealed envelopes, endorsed "Proposals for Electric Lights or for Other Lights of an Equal Candle Power," and addressed to the Board of Awards, in care of George N. Numsen, City Register.

2. All bids must be for lights now in service in the streets, lanes and alleys of Baltimore City, and are to include, at the proportionate rate, any others that may be ordered erected by the Superintendent of Lamps and Lighting within the corporate limits of the City of Baltimore.

3. The contractor shall furnish, erect and maintain all poles, wiring, lamps, connections and fixtures, including mast arms or brackets, as may be required, and shall keep in proper repair all poles, lamps and fixtures; and in case of any suits for damages caused by the electric current or want of it at points where lamps should be burning, or where wires are placed for the purpose of supplying said lamps, the contractor shall agree to defend all such suits at his own expense, and pay all damages for which the city may become liable by reason of such suits.

4. Poles for street lamps and circuits, and the apparatus of suspension for lamps, must not be dangerous, unsightly, or such as to incommode the adjoining property unnecessarily, but shall be erected in a manner satisfactory to the Superintendent of Lamps and Lighting, and his written approval of any new lamps erected under these specifications; his approval, however, shall not relieve the contractor of responsibility in case of accident or injury to person or property.

5. A current strength of not less than nine and six-tenths ($9\frac{6}{10}$) amperes, and a voltage of not less than fifty at each and every lamp, in each and every circuit, sufficient to produce what is known as a 2,000 candle-power light, must be maintained from time of starting up and during the hours of lighting, and every arc lamp shall be supplied with half-inch carbons of the best quality (and any lamp other than an arc lamp shall be supplied with the best quality Hydro-Carbon Mantels), with globes of clear glass, of uniform thickness and proper shape, to avoid casting rings or streaks of light and shadow; said globes to be kept clean and whole; and that all electric lamps used for lighting the streets shall burn with a clear, steady, white light, without undue flickering or hissing, each and every night during the term of this contract.

6. For the purpose of making tests of the current and voltage supplied to the lamps, and of examining apparatus and appliances, it is understood and agreed that the contractor will furnish to such proper person or persons as the Superintendent of Lamps and Lighting may authorize, access at all times to all lamps, poles, conduits, apparatus or machinery on the streets or to any of the stations of the contractor supplying current or light under this contract, and the said Superintendent of Lamps and Lighting shall have the privilege at any and all times the lamps are burning of testing any of the said circuits at such point or points as may be selected by the Superintendent of Lamps and Lighting, by the use of such standard measuring instruments as he may desire to use, and he shall maintain such instruments in circuit for so long a time as he may deem it advisable, and any electric or other high candle-power lamp not found up to the standard, as provided by these specifications, will not be considered as burning.

7. The Superintendent of Lamps and Lighting shall deduct two (2) nights' pay for every light not up to the standard, or two (2) nights' pay for each lamp upon a circuit not up to the standard, and five (5) nights' pay for any light which the contractor shall fail to light during the night; provided, that the Superintendent of Lamps and Lighting may, if the circumstances require in fairness that a less deduction be made, remit part of the penalty imposed by this section.

8. On or before the last day of each month the Superintendent of Lamps and Lighting shall furnish to the contractor a schedule showing the time when the lamps shall start to burn for each day of the next ensuing month, and the time when they shall be extinguished, which shall be approximately from sunset to half an hour before sunrise respectively.

9. If any lamp or lamps shall be extinguished or not lighted during a portion of the night exceeding thirty minutes consecutively, the Superintendent of Lamps and Lighting shall deduct from the bills of the contractor half the amount which the contractor would be entitled to receive if such lamp or lamps had been lighted during the whole night; for each and every lamp which shall be extinguished or not lighted for sixty minutes consecutively, the Superintendent of Lamps and Lighting shall deduct the full amount which the contractor would be entitled to receive if such lamp or lamps had been lighted the whole night, which deductions are hereby agreed upon, fixed and determined as liquidated damages which the contractor will suffer by reason of such lamps being extinguished as aforesaid, and not by way of penalty.

10. Any failure on the part of the contractor to light the lamps as required by the terms of these specifications, to such an extent as to require the city to provide for any other, or a similar character of

light, which may be necessary to meet the conditions that exist as a result of such failure to light the city streets, the additional expense of all such emergency lighting shall be charged to the contractor under this contract.

11. The contractor must maintain, at his own expense, an efficient system of patrol for inspecting lamps during the hours they are burning, so that any lamp which fails to burn properly shall be promptly reported and put in order or immediately replaced. It is understood by the contractor that the utmost diligence shall be used in order that the streets, lanes and alleys shall be efficiently lighted, and to this end a sufficient number of men shall be employed as inspectors, so that each lamp may be examined at least three times per night.

12. The contractor shall each day, before 12 o'clock noon, make a written report to the Superintendent of Lamps and Lighting, stating the number and location of any lamps extinguished or not burning on the preceding nights, if any; the time where each lamp was reported extinguished or not burning, and the time the lamp was replaced and started burning; and the said report shall also state the cause for each said lamp being extinguished or failing to burn; and if any of the said lamps are extinguished by reason of the failure of the current to supply said lamps, or for any other reason, his report shall contain a statement of the cause of such failure to supply current.

13. Lamps not burning in a manner satisfactory to the Superintendent of Lamps and Lighting shall be changed, and proper lamps substituted within twelve hours after the notice has been given by the Superintendent of Lamps and Lighting that the lamps referred to did not burn satisfactorily.

14. The Superintendent of Lamps and Lighting may require the contractor to furnish a vertical half-ground globe for the purpose of shading such house or houses as may be deemed advisable, in the judgment of the Superintendent of Lamps and Lighting, which the contractor shall then furnish without any additional cost.

15. The contractor shall furnish to the Superintendent of Lamps and Lighting, within five days of his request, the number and geographical location of each lamp on each circuit, and shall also specify the order in which the lamps are located on the circuit. No changes from this schedule will be permitted except with the written permission of the Superintendent of Lamps and Lighting.

16. No service whatever, other than that contracted for by the city and maintained on the city circuits, shall be supplied from the circuits giving current to the city lamps under these specifications, unless such service shall be approved in writing by the Superintendent of Lamps and Lighting.

17. All safety appliances known to the best electrical practice shall be used throughout the system authorized directly or indirectly by this contract, and any improvements made in lamp fixtures by the contractor shall be made known to the Superintendent of Lamps and Lighting, and, if required by him, immediately supplied to all lamps furnished under this contract without additional cost.

18. Changes of location of lamps must be made by the contractor within a reasaonable time after the receipt of the notice from the Superintendent of Lamps and Lighting, and the actual cost only of the labor used in making the change shall be charged to the city. The Superintendent of Lamps and Lighting reserves the right at any time to discontinue any lamp or lamps as he may deem expedient; provided, however, that the number of lamps contracted for under these specifications shall not be diminished so long as the contract made in pursuance thereof is in force.

19. All arc lamps and electrical supply service which are located in district shown on the map of city conduits, and are shown as connected into the city conduits by a lateral connection, are to be served entirely from circuits carried underground in said city conduits, and from all circuits carried underground in all conduits hereafter constructed, as soon thereafter as practicable. The lateral duct connection to and up the lamp pole for the proper distance will be made and owned by the City of Baltimore. The cable furnishing service to each and every arc lamp within the contemplated underground district is to be owned and operated by the successful bidder, together with all appliances and devices necessary for the proper operation of the lamps. The cable which is to be used under these specifications, it is understood, may be purchased by the City of Baltimore at the expiration of the contract period at a price to be agreed upon between the successful bidder and the City of Baltimore. It is further conditioned that the successful bidder, upon execution of a satisfactory contract, is to pay unto the City of Baltimore for the use of the duct or ducts that may be occupied by the arc light cable a price per duct foot per annum as may be later fixed by the Electrical Commission, and approved by the Mayor and City Council of Baltimore; said rental or price to be the same as that to be charged other companies or individuals for the same use, and not to exceed seven (7) cents per foot of duct per year.

20. The contractor under the specifications shall within ninety days after the expiration of this contract remove any and all lamps, lamp posts and fixtures used, erected and maintained by him for the city lighting, if so required by the Mayor and City Council of Baltimore.

21. Nothing in these specifications shall be construed to prohibit or prevent the Mayor and City Council from contracting for or establish-

ing, using and maintaining their own electric lighting system for the purpose of lighting the city streets or any building under the control or supervision of the said Mayor and City Council, and when the said Mayor and City Council shall provide its own electrical lighting system the Mayor may, upon one year's notice to the contractor, annul the contract made in this specification; provided, this concluding provision relating to annulling the contract upon one year's notice shall only apply to a contract which exceeds three years in duration.

22. In the employment of the laborers in the execution of this contract it is expressly understood that preference is to be given to the registered voters of the City of Baltimore.

23. The lamp posts, poles, conductors, lamps, carbons and each and every other article or apparatus which may be necessary for electric lighting are to be furnished and maintained by the contractor at his own cost and expense, and the lamps, wires and other conductors shall be thoroughly insulated, and shall be placed in such locations and in such manner as will prevent them from being tampered with or handled by any unauthorized person or persons, and the City of Baltimore shall not be held responsible for any injury or accident which may be occasioned by the conductors or electric current. And the said contractor or contractors hereby further agree that he or they will indemnify and save harmless the City of Baltimore, its officers, agents or servants, and each of them, against and from all suits and actions of every name and description brought against them, or any of them, and against and from all damages and costs to which they or any of them may be put by reason of injury to the person or property of another resulting from negligence or carelessness in the performance of said work of lighting the streets, or from any improper or defective material, machinery, implement or appliance used in performing the same, or from any act or omission of said contractors or their agents.

24. Each bidder must enclose with his bid a certified check for five hundred ($500) dollars, made payable to the order of the Mayor and City Council of Baltimore. The check of the successful bidder will not be returned until he has given a satisfactory bond for the proper carrying out of the contract. If he fails to furnish the bond as required within ten (10) days after the award is made his check shall be forfeited to the city.

25. And it is further agreed, that on and after the first day of each and every month during the term of this contract the contractor shall furnish proof to the satisfaction of the Superintendent of Lamps and Lighting that the said contractor has fully performed and fulfilled this contract in all the particulars and conditions aforesaid during the pre-

ceding month, and particularly that he has operated and maintained the lamps at the candle-power produced by nine and six-tenths amperes, and a voltage of not less than fifty at each and every lamp, etc., as hereinbefore specified, and that all lamps have been kept clean and properly attended during all the time that the lamps were required to be kept lighted. Upon so doing the said Superintendent of Lamps and Lighting shall certify the fact, and in his certificate state the amount to which the contractor shall be entitled for all the duties performed by said contractor during such preceding month, and annex thereto a requisition upon the Comptroller to pay the contractor therefor the sum to which said contractor shall be so entitled; and without such proof to the satisfaction of the Superintendent of Lamps and Lighting, he shall not make any certificate nor requisition on the Comptroller; and without such proof being furnished by the contractor to the Superintendent of Lamps and Lighting, the said contractor shall not be or become entitled to any payment in respect to services which were required to be done, or should have been done, in such preceding month.

26. Bids must be for a term of one year. Proposals may be submitted in addition, however, for a term of two, three or five years.

27. Bond in double the contract price will be required, and the contractor, by said bond, shall indemnify and hold harmless the Mayor and City Council of Baltimore City against any and all claims which may be made by reason of any infringement of any patent right in the use of the lamps, dynamos or any other article, apparatus or process which may be used in operating or maintaining the lamps under these specifications; and said bond shall also indemnify and hold harmless the Mayor and City Council of Baltimore, its officers, agents or servants, and each and every of them, against and from all suits of actions of every name and description brought against the Mayor and City Council of Baltimore, or any of its officers, agents or servants, and also from all damages and cost to which it, they or any of them may be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of its obligations under this contract, to wit: By lighting the streets, or from any improper or defective material, bracket, burner, implements or appliances used in the performance of the same, or from any act or omission of said contractor or its agents.

28. Failure on the part of the contractor to comply with any of the conditions of these specifications shall be sufficient cause for the Mayor to annul this contract upon giving thirty days' notice in writing to the contractor of his election to do so.

29. The Board of Awards reserves the right to reject any or all bids, or to accept any portion of a bid, as they may deem best for the interest of the City of Baltimore.

ROBERT J. McCUEN,
Superintendent of Lamps and Lighting.

Approved as to form and legal sufficiency:

OLIN BRYAN,
First Assistant and Acting City Solicitor.

Approved:

THOMAS G. HAYES,
President Board of Awards.

CONTRACT.

THIS AGREEMENT, Made this 13th day of September, in the year nineteen hundred, by and between the Mayor and City Council of Baltimore, of the one part, and the United Electric Light and Power Company, a corporation duly incorporated under the laws of the State of Maryland, of the other part.

WHEREAS, Under and in conformity with the provisions of the new City Charter, proposals were duly advertised for lighting with electric arc lamps, in whole or in part, the avenues, streets, lanes, courts, alleys or highways of the City of Baltimore, and the parks of said city, by the party of the first part; and the party of the second part did submit bids, in accordance with the said proposals and the specifications which were on file in the office of the Superintendent of Lamps and Lighting, unto the Board of Awards; and

WHEREAS, Said specifications provided for a contract to be made, if so desired, for the period of five years; and

WHEREAS, The bid of the said party of the second part to contract for the lighting in whole or in part of the said avenues, streets, lanes, alleys and other public places of the City of Baltimore, as also the parks of said city with electric arc lamps, where electric arc lamps are now used in the said City of Baltimore, as also for such other additional lights as may be hereafter deemed necessary by the Superintendent of Lamps and Lighting, at and for the price of ninety-nine dollars and ninety-two ($99.92) cents for each and every lamp for each year; provided, the contract was made for the term of five years from the date of said award; and

WHEREAS, Said bid so submitted was duly accepted by the said Board of Awards for the period of five years from the date of said award, and the said United Electric Light and Power Company was thereupon awarded the contract for said period of five years at the said sum of

ninety-nine dollars and ninety-two ($99.92) cents for each and every lamp for each year, upon the conditions, stipulations and specifications filed herewith, being a true copy of those which were filed in the office of the Superintendent of Lamps and Lighting when the advertisement was inserted.

Now, therefore, in consideration of the premises, and the further consideration of the contract for the lighting of the said avenues, streets, lanes, alleys and other public places of the City of Baltimore, including the parks thereof, where electric arc lights are now used, or may hereafter be ordered to be erected by the Superintendent of Lamps and Lighting, the said The United Electric Light and Power Company doth hereby covenant and agree that it will light and keep burning all the electric arc lights which are now or may hereafter lawfully be placed in or upon any of the avenues, streets, lanes, alleys, courts or highways of the said City of Baltimore, or in any of the public parks thereof, upon the terms and conditions set forth in the said specifications on file with the Superintendent of Lamps and Lighting, a copy whereof, as hereinbefore referred to, is hereto annexed, and is intended to be, and does, in fact, form a part of this contract as fully as though the same had been set out in full herein.

And the said United Electric Light and Power Company doth further covenant and agree that it will, in all respects, comply with and fulfill the requirements of said specifications and each and every paragraph thereof.

And it is expressly agreed by the said The United Electric Light and Power Company, that whenever and as often as any of the said lamps in the City of Baltimore shall cease or fail to burn, it will use every means in its power to, and as soon as practicable, relight the same and keep said lamp or lamps burning for the remainder of the night, even though by the terms of the specifications the said United Electric Light and Power Company is to receive no pay for said lamp for that night by reason of the same having been out for one hour during the said night.

And it is expressly assented to by the said The United Electric Light and Power Company, that its failure to use every means in its power to relight, from time to time, and as often as the same shall go out, every light in the City of Baltimore, shall, in addition to the express causes set forth in the above contract and attached specifications, be a cause for the forfeiture of this contract under Section 28 of said specifications.

It is further covenanted and agreed that the said The United Electric Light and Power Company shall give unto the City of Baltimore a bond for the amount required by said specifications in some surety company, to be approved by the party of the first part, conditioned for the performance of all the terms of this contract.

And it is further covenanted and agreed that the party of the first part shall make monthly settlements with the party of the second part for the lighting of said city upon the terms agreed upon.

In witness whereof, the Mayor and City Council of Baltimore hath caused its seal to be affixed hereto, and the Mayor thereof, Thomas G. Hayes, to set his hand hereto; and the said The United Electric Light and Power Company has also signed this contract by its President, and has caused its corporate seal to be hereto attached, on the day and year first above written.

THE UNITED ELECTRIC LIGHT AND POWER COMPANY,
By NELSON PERIN,
President.

Attest:
W. STUART SYMINGTON,
Secretary.

THOMAS G. HAYES,
Mayor.

Approved as to form and legal sufficiency:
WM. PINKNEY WHYTE,
City Solicitor.

[SEAL.] U. E. L. AND P. CO. OF BALTIMORE CITY.

BOND.

KNOW ALL MEN BY THESE PRESENTS, That we, the United Electric Light and Power Company of Baltimore City and the Fidelity and Deposit Company of Maryland, a corporation of the State of Maryland, of the City of Baltimore and State of Maryland, are held and firmly bound unto the Mayor and City Council of Baltimore in the full and just sum of two hundred and fifty thousand dollars, lawful money, to be paid to the Mayor and City Council of Baltimore, or to its certain attorney, to which payment well and truly to be made and done, we bind ourselves, our heirs, executors and administrators, jointly and severally, firmly by these presents, sealed with our seals, and dated this thirteenth day of September, in the year nineteen hundred.

WHEREAS, The Board of Awards did, in pursuance to an advertisement, based on certain specifications, a copy of which were and are now on file in the office of the Superintendent of Lamps and Lighting, award to The United Electric Light and Power Company, on the 13th day of September, 1900, a yearly contract, to be renewed from year to year for the period of five years, at and for the sum of ninety-nine dollars and ninety-two ($99.92) cents per year for each and every lamp; and

WHEREAS, The said The United Electric Light and Power Company is about to enter into said contract for the said time at the said price, the same to be paid in monthly installments; and

WHEREAS, It is a condition precedent to the execution and delivery of said contract that this bond shall be executed for the faithful performance thereof, and a strict compliance with each and all of the paragraphs of the specifications upon which said contract is based, and which is made a part thereof and a copy attached thereto; and

WHEREAS, It is agreed that the contract shall be included in and constitute a part of this bond as fully as though the same was set out in full in the body hereof.

F. & D. Co. OF MD. [SEAL.]

And it is hereby agreed as part hereof, That this contract shall not be assigned without the written approval and consent of the Mayor and the Superintendent of Lamps and Lighting.

Now the conditions of the obligation is such, That if the said United Electric Light and Power Company shall comply, in all respects, with the terms of said contract, and shall defend, indemnify and save harmless the Mayor and City Council of Baltimore against any suit or suits, loss, damage or expense to which the said Mayor and City Council may be subjected by reason of any default or negligence, want of skill, or care on the part of the said United Electric Light and Power Company, its agents or employees, in or about the performance and execution of said work, then this obligation be null and void, otherwise to be and remain in full force and virtue in law.

Signed and sealed in the presence of

W. STUART SYMINGTON, *Secretary.*

THE UNITED ELECTRIC LIGHT AND POWER COMPANY OF BALTIMORE CITY.
By NELSON PERIN, *President.* [SEAL.]

FIDELITY AND DEPOSIT COMPANY OF MARYLAND,
Per E. M. WARFIELD, *President.* [SEAL.]

Attest: HARRY NICODEMUS,
Assistant Secretary. [SEAL.]

Bond approved:
JAS. H. SMITH,
City Comptroller.

Form approved:
WM. PINKNEY WHYTE,
City Solicitor.

[SEAL.] U. E. L. AND P. COMPANY OF BALTIMORE CITY.

Approved:
THOMAS G. HAYES,
Mayor.

SPECIFICATIONS

For Incandescent Gas Lighting Equipment.

1. Proposals will be received for incandescent gas lighting equipment, which will include the furnishing by the contractor of incandescent mantle burners, mantles, automatic regulators (if found necessary), street signs, globes and all other necessary fixtures, parts, appliances and supplies used for incandescent street lighting, except lamp posts, which will be furnished by the city, for all the gas lamps now in service in the public streets, avenues, lanes, alleys, parks and squares and on the bridges within the City of Baltimore, and for such additional gas lamps as may be ordered to be installed by the Superintendent of Lamps and Lighting. All of said lamp fixtures must be attached to all city lamps by the contractor, in a proper manner so as to produce a light not less than sixty (60) candle-power at all times during the hours of burning. The contractor must estimate to keep all of said incandescent lamp fixtures in thorough repair, replace all broken and cracked globes and parts and all broken or defective mantles at all times when found necessary, during the term of the contract.

2. Proposals must be submitted separately, according to the plans hereinafter specified, in sealed envelopes marked "Proposals for furnishing incandescent gas lighting equipment for all the street gas lamps in the City of Baltimore," and addressed to the Board of Awards, in care of Harry F. Hooper, City Register, Baltimore, Maryland.

3. Bidders will be required to submit separate bids or estimates according to the following plans:

a. To furnish all the incandescent lamp fixtures for the present "Miner" lanterns and to perform the work required by Section 1 of these specifications. The city to furnish the supply of gas at the burner and the bidder must estimate to furnish the labor to light, extinguish, clean the globes, maintain and operate the street lamps and keep the lamps in thorough repair.

b. To furnish all the incandescent lamp fixtures for the present "Miner" lanterns and to perform the work required by Section 1. of these specifications. The bidder must estimate to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

c. To furnish the incandescent lamp fixtures for the present "Miner" lantern and to perform the work required by Section 1 of these specifications. The city to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes and keep the lamp posts and lanterns in repair.

d. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish

"Boulevard" lanterns to be used in place of the "Miner" lanterns now in service, and to be attached to the lamp posts by the contractor. The city to furnish the supply of gas at the burner and the bidder must estimate to furnish the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

e. To furnish the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish "Boulevard" lanterns to be used in place of the "Miner" lanterns now in service, and to be attached to the lamp posts by the contractor. The bidder must estimate to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

f. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish "Boulevard" lanterns, to be used in place of the "Miner" lanterns now in service, and to be attached to the lamp posts by the contractor. The city to furnish the gas at the burner and the labor to light, extinguish, clean the globes and keep the lamp posts in repair.

g. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish "Boulevard" lanterns to be used in place of the "Miner" lanterns now in service, and to be attached to the lamp posts in the public parks and squares by the contractor. The city to furnish the supply of gas at the burner, and the bidder must estimate to furnish the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

h. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish "Boulevard" lanterns to be used in the place of the "Miner" lanterns now in service, and to be attached to the lamp posts in the public parks and squares by the contractor. The bidder must estimate to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

i. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish "Boulevard" lanterns to be used in place of the "Miner" lanterns now in service, and to be attached to the lamp posts in the public parks and squares by the contractor. The city to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamp posts in repair.

NOTE—As the lamps in the parks and squares are concentrated, therefore less expensive to operate than if scattered, the bidder will be required to furnish an estimate for a less rate for these lamps than for the general street lighting service.

j. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish lanterns and globes for lamps in groups or clusters, similar in design to those now in service on the city bridges and in the squares, or of some other artistic design to be approved by the Superintendent of Lamps and Lighting, and to be attached to the lamp posts on the city bridges and in the squares by the contractor. The city to furnish the supply of gas at the burner and the bidder must estimate to furnish the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

k. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish lanterns and globes, for lamps in groups or clusters, similar in design to those now in service on the city bridges and in the squares, or some other artistic design to be approved by the Superintendent of Lamps and Lighting, and to be attached to the lamp posts on the city bridges and in the squares by the contractor. The bidder must estimate to furnish the supply of gas at the burner and the labor to light, extinguish, clean the globes, maintain and operate the lamps and keep the lamps in thorough repair.

l. To furnish all the incandescent lamp fixtures and to perform the work required by Section 1 of these specifications, and also to furnish lanterns and globes for lamps in groups or clusters, similar in design to those now in service on the city bridges and in the squares, or of some other artistic design to be approved by the Superintendent of Lamps and Lighting, and to be attached to the lamp posts on the bridges and in the squares by the contractor. The city to furnish the gas at the burner, and the labor to light, extinguish, clean the globes and repair the lamp posts.

4. In each of the four propositions embraced in the foregoing plans for furnishing lamp fixtures, bids must be submitted in three forms, that is:

1. The city to furnish the supply of gas and the contractor to furnish the labor.

2. The contractor to furnish the supply of gas and the labor.

3. The city to furnish the supply of gas and the labor.

5. The contractor will be required to furnish incandescent mantle burners and all other lamp fixtures specified in Section 1 of these specifi-

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NOTE—As the lamps located on the bridges and in the squares are in groups or clusters and concentrated in a small territory, therefore less expensive to operate than if scattered, the contractor will be required to furnish an estimate for a less rate for these lamps than for the general street lighting service.

cations, and also to furnish the lamps or lanterns for all additional lamps, either for the streets, parks, squares or bridges, that may be ordered to be installed by the Superintendent of Lamps and Lighting during the term of this contract; and all burners, fixtures, lamps or lanterns furnished by the contractor and used by him in the operation of this contract shall remain the property of the said contractor, but the City of Baltimore reserves the right to purchase the lamp fixtures, lamps or lanterns, or any part thereof, except the burners, at the expiration of this contract at actual value at that time. At the completion of this contract all lamp fixtures, lamps or lanterns owned by the contractor shall be removed b yhim, except such lamp fixtures, lamps or lanterns that may be purchased by the city, and the street lamps must be restored to the same condition in which the contractor found them at the beginning of the contract, without cost to the City of Baltimore.

6. Whichever one or more of the foregoing plans that may be selected by the Board of Awards upon which to award the contract, it is distinctly understood that the contractor must, in addition to furnishing the lamp fixtures required, attach all lamp fixtures to all lamps and lamp posts in the city, and keep the lamp fixtures in thorough repair, replace all broken and cracked globes and parts, and all broken and defective mantles, this work to be done at the expense of the contractor.

7. There are now in service, on August 31, 1904, 5,998 streets lights, 258 bridge and other lights, in clusters, 522 lights in parks and squares, of which 6,299 posts and 6,502 lanterns are the property of the City of Baltimore, and 479 posts and 276 lanterns are the property of the present contractor.

8. As the contract between the city and the Consolidated Gas Company for the supply of gas will not expire until May 31, 1905, bidders must arrange with the Gas Company for the supply of gas for this contract on and after the first day of June, 1905. Should it be determined that the contractor furnish the supply of gas for this contract the city will furnish the gas during the months of March, April and May.

9. The candle-power of each gas lamp with the use of an incandescent mantle burner and fixtures must produce a light not less than sixty (60) candle-power, and each incandescent mantle burner and mantle must produce a clear, bright light, without undue flickering or smoking.

10. Each incandescent mantle burner must be kept clear at all times so as to allow a free and unobstructed flow of gas, and must be adjusted and regulated, by the use of automatic regulators or governors, so as to produce a light equal in power to sixty (60) candles, under varying pressures of gas above two inches, during the hours of burning. The needles or valves used to regulate the supply of gas, the shutters or governors used to regulate the supply of air, the tubes and all other

attachments of the burners must be kept free from rust and corrosion so as to permit of being easily adjusted or regulated when found necessary to increase or diminish the pressure of gas and the supply of air, as conditions may demand from time to time, to insure a perfect Bunsen and to maintain the standard of light required at all times during each night.

11. The gauze wire tips shall be kept perfectly clean and shall be replaced with new ones whenever the gauze wire tips shall become corroded from the weather conditions or when destroyed by the action of the heat. For the purpose of carrying out the provisions as specified in Sections Nos. 10, 11, 12 and 13 of these specifications, in every detail, the contractor will be required to maintain a thorough system of patrol, so that the results desired by the city will be obtained.

12. All incandescent mantles to be used in the operation of this contract must be of standard size, that is to say, not less than two and three-quarter (2¾) inches, must show at all times above the burner head or gauze wire tip. No incandescent mantle will be permitted to be used unless composed of the best material and standard weave and of first-class quality in all respects. No incandescent mantle shall be allowed to be used by the contractor which will shrink beyond reasonable dimensions from the standard required, and all broken, smoked or blackened, ragged or frayed mantles must be removed at once and must be replaced by new mantles by the contractor.

13. The lamp globes must be of a good quality lead glass, free from all defects whatever, and the contractor will be required to fit the globes properly at the top and bottom of the lamp frames so that the burner and mantle will not be affected by the action of the wind, or by bugs and insects, to the extent of reducing the standard of light required, sixty (60) candle-power. All the globes, lamps and street signs are to be kept in a perfectly clean condition so that the light of the lamp will be absorbed or obstructed as little as possible. The globes and street signs shall be cleaned as least twice each week and oftener if directed by the Superintendent of Lamps and Lighting.

14. The contractor shall equip each lamp with an incandescent mantle burner, so combined and adjusted as to secure, under all ordinary variations of gas pressure and density, a light of not less than sixty (60) candle-power, and to consume from two and one-half (2½) to three (3) cubic feet of gas per hour, and not to consume more than three (3) cubic feet of gas per hour.

15. The contractor shall, daily, before 12 o'clock noon, submit a written report to the Superintendent of Lamps and Lighting, stating the number of lamps and their locations, which were not burning or which were defective during the preceding night, if any, and the cause thereof.

16. Any lamp that fails to burn continuously during the hours scheduled, or any lamp found to be defective in any manner, causing such lamp to fall below the standard of light required, which condition may be due to the carelessness, indifference or failure of the contractor to observe or to comply with the requirements and instructions contained in any word, line, paragraph or section of these specifications, which impose upon the contractor the responsibility of maintaining a sixty (60) candle-power light at all times during each night, shall subject the contractor to a fine at the rate of double the amount of the contract price per lamp per night, for each night any light fails to burn or is defective, and all such fines shall be deducted each month from any money due the contractor by the city. Defective lights, which may result from any cause or condition over which the contractor or his agents or employees shall have no control, shall not be subject to a fine, but such conditions shall be determined by the Superintendent of Lamps and Lighting.

17. For the purpose of ascertaining the candle-power being furnished by the incandescent mantle burners and mantles, the Superintendent of Lamps and Lighting shall have the right at all times to order photometric tests of the lamps to be made in such manner as he may determine, both at the laboratory of the Department and in position when in service on the streets, parks, squares and bridges. When the tests of the lamps are to be made at the laboratory, the contractor will be notified so as to enable him to furnish burners to replace those removed for test, at which the contractor may be present. The tests of the lamps in position on the streets, parks, squares and bridges shall be made without previous notice to the contractor. If the incandescent mantle burners so tested shall produce a light less than sixty (60) candle-power and the cause is found to be due to the failure or neglect of the contractor to observe or to comply with any one or all of the requirements contained in Sections Nos. 10, 11, 12 and 13 of these specifications, each and every such defective incandescent mantle burner shall subject the contractor to a fine at the rate of double the amount of the contract price per lamp per night, which shall be deducted from any moneys that may be due him by the city. These tests shall be made once in every month or as often as may be deemed necessary by the Superintendent of Lamps and Lighting. A candle-power shall be the intensity of light produced by the standard sperm candle consuming not less than one hundred and twenty (120) grains of spermaceti per hour, and the result of the test shall be determined by either the standard candle system or by the "Harcourt Pentane Standard."

18. Samples in duplicate of all incandescent mantle burners, lanterns and lamps, lamp fixtures, appliances and other attachments required by

Section 1 of these specifications and such as may be proposed by the contractor to be used in the operation of this contract must be forwarded to the Department of the Superintendent of Lamps and Lighting, City Hall, Baltimore, Maryland, on or before the day set for opening the bids for this contract. Each sample must be marked in a legible manner, that the name of the bidder may be known. Each incandescent mantle burner will be tested in the laboratory of this Department, in such manner and as often as may be found necessary consistent with the standard rules and requirements for making such tests. Each bidder, or his representative, will in turn be permitted to adjust his burner and mantle within the lantern or lamp, and place all upon the photometer bar in such manner as he proposes to operate the lamp and burner when in service on the city streets, squares, parks and bridges. When the burner, mantle and lantern are adjusted properly on the photometer bar, the bidder, or his representative, shall so advise the City Photometrician, when the photometric test shall proceed without any interference whatever from either the bidder or his representative, or from any other person. Each test shall consist of ten readings, or observations, which shall be averaged according to the usual standard method. The result of these tests shall be submitted to the Board of Awards, by the Superintendent of Lamps and Lighting, and by said Board of Awards made public at the time when the award of the contract is to be made. In addition to the photometric tests, all burners, lamps, lanterns, globes, fixtures and lamp appliances proposed to be used shall be placed on the lamp posts on the streets, at such locations in the city as may be designated by the Superintendent of Lamps and Lighting so as to determine upon the merits and the appearance of the equipment as it will appear when in service. Any incandescent mantle burner which fails to produce a light equal to sixty (60) candle-power under the photometric test will be considered as not having complied with the requirements of the specifications.

19. Samples of the incandescent mantle burners, mantles, lanterns or lamps, globes, appliances and any other lamp fixtures required by Section 1 of these specifications and proposed to be used in the operation of the contract, must be furnished the Superintendent of Lamps and Lighting by each bidder, in duplicate to the lamp fixtures used in the trial photometric test and in the street exhibition. And the Superintendent of Lamps and Lighting shall hold the duplicate lamp fixtures furnished by the bidder receiving the awards of this contract, during the term of said contract, so that the Superintendent of Lamps and Lighting may be enabled to compare such duplicate lamp fixtures with those used in the operation of the contract at any time during the term of said contract. Should it be found as a result of comparison that

the lamp fixtures being used by the contractor, in the operation of the contract, are inferior to the samples furnished, the contractor shall, upon notice from the Superintendent of Lamps and Lighting, immediately remove all such inferior lamp fixtures and replace them with other lamp fixtures equal to the samples held by the Superintendent of Lamps and Lighting. The failure of the contractor to make the change of all such lamp fixtures, after due notice from the Superintendent of Lamps and Lighting, shall be sufficient cause for declaring the contract null and void.

20. The contractor shall, without extra pay, unless otherwise provided, replace all broken or damaged lamp posts with new ones (which will be furnished by the city), repair all lamp posts, lanterns or lamps, replace broken globes and broken or missing street signs with new ones, relay all sidewalks and replace the surface disturbed in erecting or moving gas lamps, keep all lanterns, globes and sign frames in proper position, place all street signs so that all the letters can be seen at all times, so that the lanterns or lamps and lamp posts will at all times present to the public a neat and artistic appearance, and in general maintain the street gas lighting plant in first-class condition. The repairs will include painting the lamp posts and lanterns once during the year if found to be necessary. Painting will be done in a good and workmanlike manner, with paint of a color and quality to be determined by the Superintendent of Lamps and Lighting. The contractor will keep such of the city property that may be used in the operation of this contract in thorough good order, and shall deliver the same to the city at the expiration of the term of the contract in good order and condition. The work and repairs enumerated in this section must be done by the contractor in as reasonable a time after the order has been given (or issued) by the Superintendent of Lamps and Lighting, as possible. If the contractor shall fail to do the work, repairs and maintenance as specified in this section, then the work set forth herein will be done by the City of Baltimore, under the supervision of the Superintendent of Lamps and Lighting, and the cost for such work shall be deducted from any money that may be due the contractor by the city.

21. The lamps must be lighted and extinguished strictly in accordance with the official schedule or time-table issued and furnished by the Superintendent of Lamps and Lighting, which schedule or time-table shall aggregate four thousand (4,000) burning hours per annum. The lamplighters or other employees of the contractor will not be permitted to climb the lamp posts for the purpose of lighting the lamps or for any other purpose except by the use of a ladder.

22. In order that the Superintendent of Lamps and Lighting and his assistants may determine whether the gas lamps are lighted and extinguished in accordance with the official schedule or time-table hereinbefore mentioned, the contractor shall furnish the Superintendent of Lamps and Lighting with maps or lists showing the number and geographical location of each lamp in the district of each lamplighter, and designating the particular lamp at which each lamplighter commences to light and also the lamp at which he completes the lighting; and in extinguishing the lamps the lamplighter shall begin and finish at the same lamps as are designated for beginning and finishing the lighting, and the contractor shall notify the Superintendent of Lamps and Lighting of any change which may be made in the beginning and finishing points on any lamp district during the term of this contract.

23. All lanterns, appliances and fixtures furnished under this contract shall be of the latest improved pattern, and any improvement made in lamp fixtures by the said contractor shall be made known to the Superintendent of Lamps and Lighting, and, if requested by him, immediately supplied by said contractor to all the lamps furnished under this contract, without additional cost.

24. When notified to do so by the Superintendent of Lamps and Lighting, the contractor will change the location of any lamp, taking it down and erecting it again as directed. He will also re-erect lamp posts that have been broken down by runaways or by other accidents, when directed to do so.

25. The Superintendent of Lamps and Lighting may order any lamp discontinued provided the total number of gas lamps be not reduced below six thousand (6,000) lamps.

26. The contractor securing the work must carry it out under his own direction. Any assignment, sub-letting or otherwise permitting the work herein specified to be done by any one other than the contractor, or encumbering it in any way, will be sufficient cause for the abrogation of this contract by the city. Bidders must show to the satisfaction of the Superintendent of Lamps and Lighting their ability to do the work specified.

27. The present contract will expire February 28th, 1905, and the contract awarded under these specifications shall begin March 1, 1905, and continue for such number of years as may be determined upon by the Board of Awards. All lamps on the city streets and bridges and in the city parks and squares, must be equipped in as reasonable a time after the first day of March, 1905, as practicable, not to exceed thirty days.

28. Should the contractor fail or neglect to commence the work of equipping the gas lamps, at or during the time specified, or to operate.

maintain, repair, paint, clean or fit up the lamps or to install new lamps or to do any other work as specified hereinbefore or hereinafter, after due notice has been given, the Superintendent of Lamps and Lighting may and shall have the power to cause such work to be performed by other parties and to deduct the expenses thereof from any moneys which may be due or may become due to the contractor, and to hold the contractor and his sureties liable for the amount thereof which may be in excess of the price stipulated in this contract.

29. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be cause for the rejection of all proposals in which he is interested. The Board of Awards reserves the right to waive any informality in the proposals received, to disregard the proposal of any failing bidder or contractor and to accept or reject any or all proposals or parts of a proposal.

30. Any doubt as to the meaning of these specifications and any obscurity in the wording of them will be explained by the Superintendent of Lamps and Lighting, who shall have the right to correct any errors or omissions in them when such correction is necessary for the proper fulfillment of their intentions.

31. Each bidder must enclose with his bid a certified check for five hundred ($500) dollars, made payable to the Mayor and City Council of Baltimore. The check of the successful bidder will not be returned to him until he has given a satisfactory bond as a guarantee that the bidder will enter into a contract according to these specifications and that he will properly perform the work required by the terms of these specifications. If he fails to furnish the bond as required within ten days after the award of the contract has been made, the bidder's check shall be forfeited to the City of Baltimore.

32. Bids or estimates must be submitted for terms of one, two, three and five years.

33. If the contractor shall not well and truly observe, perform, fill and keep all and singular the covenants and conditions hereinbefore mentioned and contained, on its part and behalf to be observed, performed, fulfilled and kept according to the true intent and meaning of these specifications, then in that case the Superintendent of Lamps and Lighting, with and by the advice and consent of the Mayor, may and shall have the power, on the part of the City of Baltimore, to declare this contract annulled and vacated, and thereupon it shall become and be thenceforth null and void.

34. Bond in double the estimated contract price will be required upon the award of the contract, conditioned for the faithful performance of each and every one of the terms of the contract to be performed by the contractor as herein specified, and the contractor, by said bond, shall

also indemnify and hold harmless the Mayor and City Council of Baltimore against any and all claims which may be made by reason of an infringement of any patent rights in use of the incandescent mantle burner, lanterns or lamps, globes, incandescent mantles or any other lamp fixtures of any description which may be used in the operation and maintaining the city gas lamps under these specifications; and said bond shall also indemnify and hold harmless the Mayor and City Council of the City of Baltimore, or any of its officers, agents or servants, and also from any damages or costs to which it, they or any of them may be put by reason of injury to the person or property of another, resulting from the negligence or carelessness in the performance of its obligations under this contract, to wit: by lighting the streets, parks, squares and bridges, or from any improper or defective material, lamp, burner, implements or appliances of any kind used in the performance of the work required by this contract, or from any act or omission of said contractor or its agents.

35. The Board of Awards reserves the right to reject any or all bids, or to accept any portion of a bid, as the members thereof may deem for the best interest of the City of Baltimore.

August 31, 1904.

ROBERT J. MCCUEN,
Superintendent of Lamps and Lighting.

Approved:

E. CLAY TIMANUS,
President Board of Awards.

CONTRACT.

THIS CONTRACT, made this 29th day of September, in the year 1904, by and between The American Lighting Company of Baltimore City, a private corporation, hereinafter called the Lighting Company, and the Mayor and City Council of Baltimore, a municipal corporation, hereinafter called the city.

WHEREAS, The contract for lighting the streets, avenues, lanes, alleys, squares, parks and bridges in Baltimore City for a period of three years, accounting from the first day of March, in the year 1905, under plans A. G. and J., as the same are set forth in certain specifications, a copy of which is hereto attached, and in all respects made a part

hereof, and subject to all the conditions, covenants, stipulations, terms and provisions, contained in said specifications and applicable to said plans, has recently been awarded to the Lighting Company by the city, through the agency of its Board of Awards, at and for the sum of nine dollars ($9.00) per lamp per annum under said plan A, and at and for the sum of nine dollars ($9.00) per lamp per annum under said plan G, and at and for the sum of nine dollars ($9.00) per lamp per annum under said plan J; and

WHEREAS, It was also one of the terms of said award that the Mayor and City Council of Baltimore might at any time or times, at its option, while these presents were in force, require the substitution by the said contractor of plan D as set forth in said specifications, in whole or in part, for plan A as set forth in said specifications, in which event the price per lamp to be paid to the said contractor should, as to the lamps so substituted, be $11.00 instead $9.00; and

WHEREAS, It was one of the conditions of said award that a formal contract should be executed by and between the Lighting Company and the city, evidencing the terms of said award.

Now, therefore, this contract witnesseth, That the Lighting Company doth hereby covenant and agree with the city that it will well and faithfully light the streets, avenues, lanes, alleys, squares, parks and bridges in Baltimore City, under plans A, G and J, as the same are set forth in said specifications, and under plan D as far as the same may be substituted for plan A as above mentioned, and in accordance with each and every one of the conditions, covenants, stipulations, terms and provisions contained in said specifications and applicable to said plans A, G and J, or D, so far as substituted as aforesaid, at and for the respective rates of compensation per lamp per annum hereinbefore mentioned, for the period of three years, accounting from the first day of March, in the year 1905, and will well and faithfully comply with and perform each and every obligation imposed upon it by said specifications, or the terms of said award.

And the city doth hereby covenant and agree with the Lighting Company, that it will pay to the Lighting Company the respective rates of compensation per lamp per annum hereinbefore mentioned in monthly installments, adjusted with reference to the number of lamps in actual use during the several months of said period of three years, accounting from the first day of March, in the year 1905, and that it will well and faithfully comply with and perform each and every obligation imposed upon it by said specifications, or the terms of said award.

In Witness Whereof, The Lighting Company has caused these presents to be signed by its president, and its corporate seal to be hereunto affixed, duly attested by its secretary, and the city has caused these presents to be signed by the Mayor of Baltimore City, and the corporate seal of the city to be hereunto affixed, duly attested by the City Register.

THE AMERICAN LIGHTING COMPANY OF BALTIMORE CITY.

By R. STANLEY CARSWELL,
President.

By E. S. NEWBOLD,
Secretary.

Test: [SEAL]
GEORGE P. NEY. (American Lighting Co.)

E. CLAY TIMANUS,
Mayor of Baltimore City.

Attest:

HARRY F. HOOPER,
City Register.

[SEAL']
(City of Baltimore.)

Approved as to form and legal sufficiency:

W. CABELL BRUCE,
City Solicitor.

BOND.

Know all men by these presents, That we, the American Lighting Company of Baltimore City, a body corporate, and the Aetna Indemnity Company, a corporation existing under and by virtue of the laws of the State of Connecticut, having its principal office in the City of Hartford, Connecticut, are held and firmly bound unto the Mayor and City Council of Baltimore City in the full and just sum of one hundred and twenty-five thousand ($125,000) dollars, lawful money of the United States, to be paid to the said Mayor and City Council of Baltimore City, or their certain attorney, to which payment

well and truly to be made and done we bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, The above bounden, The American Lighting Company of Baltimore City has entered into a contract with the said Mayor and City Council of Baltimore City, bearing date of September 29, 1904, for lighting the streets, lanes, alleys, squares, parks and bridges in Baltimore City, for the period of three years, accounting from the first day of March, in the year nineteen hundred and five, under certain plans and upon certain terms and conditions, in said contract more particularly mentioned, and

WHEREAS, It was one of the conditions of the award of the Board of Awards of said Mayor and City Council of Baltimore, pursuant to which said contract was entered into, that these presents should be executed.

Now, therefore, The condition of this obligation is such, that if the above bounden, The American Lighting Company of Baltimore City shall, in all respects, comply with the terms and conditions of said contract and its obligations thereunder, including the specifications therein referred to, and made part thereof, and shall indemnify and save harmless the said Mayor and City Council of Baltimore against or from all costs, expenses, damages, injury or loss to which the said Mayor and City Council of Baltimore may be subjected by reason of any wrongdoing, misconduct, want of care or skill, negligence or default, upon the part of the said The American Lighting Company of Baltimore City, its agents or employees, in or about the execution or performance of said contract, including said specifications, and shall save and keep harmless the said Mayor and City Council of Baltimore from any loss, damage or injury, arising from the use by the said The American Lighting Company of Baltimore City, of any patent, owned or claimed to be owned by any one else, and also save and protect the said Mayor and City Council of Baltimore from any loss, damage or injury arising from, or caused by any delay in the performance of its, the said The American Lighting Company of Baltimore City's duty as required by said contract, including said specifications, owing to the use by it, the said The American Lighting Company of Baltimore City of any patent, owned by anyone else, either through litigation or otherwise, then this obligation to be void, otherwise to be and remain in full force and virtue in law.

As witness, the signature of the said The American Lighting Company of Baltimore City by its President, and its corporate seal duly attested by its Secretary, and the signature of the Aetna Indemnity

Company by its resident Vice-President, and its corporate seal duly attested by its resident Assistant Secretary hereunto affixed this 3d day of October, in the year 1904.

All interlineations, erasures and corrections were made before execution.

THE AMERICAN LIGHTING COMPANY OF BALTIMORE CITY.
By R. STANLEY CARSWELL,
President.

Witness:
GEO. P. NEY. [SEAL]

By E. S. NEWBOLD,
Secretary and Treasurer.

Attest:
ARCH O. STIRLING, JR.

THE AETNA INDEMNITY COMPANY.
By NICHOLAS G. PENNIMAN,
Resident Vice-President.

Attest:
S. R. DIFFENDERFER,
Resident Asst. Secretary.

[SEAL]

J. W. FREEMAN,
Deputy City Comptroller.

Approved:
E. CLAY TIMANUS,
Mayor.

Approved as to form and legal sufficiency:
W. CABELL BRUCE,
City Solicitor.

SPECIFICATIONS

For Installing, Equipping, Lighting, Extinguishing and Maintaining Naphtha Street Lamps using Incandescent Mantles.

1. Separate bids must be submitted in sealed envelopes endorsed "Proposals for installing, equipping, lighting, extinguishing and maintaining naphtha street lamps using incandescent mantles," and addressed to the Board of Awards, in the care of George N. Numsen, City Register.

2. The contractor is required to equip and maintain naphtha lights of not less than sixty (60) candle-power, which shall include the use of all fixtures for incandescent mantles, and all necessary appliances for operating the plant, including iron posts, as well as the labor for

lighting and extinguishing all the naphtha street lamps now in use or which may be placed in use in the city under the supervision of the Superintendent of Lamps and Lighting.

3. Bids will also be received for furnishing and maintaining naphtha street lamps, using incandescent mantles, of not less than two hundred (200) candle-power, which shall include the use of all fixtures for incandescent mantles and all necessary appliances for operating the plant, including iron posts, as well as the labor for lighting and extinguishing such number of these lamps that may be ordered placed in use, from time to time, in the city, under the supervision of the Superintendent of Lamps and Lighting.

4. The naphtha used for the supply of the lamps must be of a gravity of 72° to 75°, free from water, gum, glue or other impurities.

5. The incandescent mantles used must be of a good and standard quality.

6. Tests shall be made from time to time by the Superintendent of Lamps and Lighting, in such manner as he may determine, for the purpose of ascertaining the candle-power of the lamps, and the gravity and quality of the naphtha used in supplying the same.

7. Each bidder must submit to the Superintendent of Lamps and Lighting, for his inspection, a sample of the lamp or lantern, fixtures and burner proposed to be used in the operation of the contract, and for the purpose of ascertaining the candle-power and efficiency of each burner and lamp the Superintendent of Lamps and Lighting reserves the right to place under a test, in such manner as he may determine, all such burners, lamps and fixtures.

8. The contractor will, without extra pay, repair posts, lanterns and lamps, keep lanterns and lamps clean, promptly replace broken glass, and in general maintain the plant in first-class order, and light and extinguish said lamps to the satisfaction of the Superintendent of Lamps and Lighting. If not so done the repair or maintenance will be made by the Superintendent of Lamps and Lighting, and the cost thereof deducted from any money due the contractor. The repair to include the painting of the lanterns and lamp posts once during the year with paint of a color and material to be determined by the Superintendent of Lamps and Lighting.

9. The contractor will be required to establish such number of lamp posts and lamps in such locations of the City of Baltimore as the Superintendent of Lamps and Lighting may direct, and furnish all material and labor that may be necessary.

10. Within a reasonable time after the receipt of the notice from the Superintendent of Lamps and Lighting the contractor will transfer any lamp or lamps, including lamp posts, that may be ordered from

one location to another, in any section of the city, and the cost in making the change shall be charged to the city, or to the party or parties upon whose application and in whose benefit such change of locations of lamp and lamp posts shall have been made.

11. The Superintendent of Lamps and Lighting reserves the right at all times to discontinue the use of any lamp or lamps as the conditions existing may demand, and as he may deem expedient for the best interests of the city.

12. For every lamp that fails to burn continuously throughout the hours prescribed for a night, or that fails to furnish the candle-power required under the terms of these specifications, a fine of double the contract price per lamp per night will be imposed by the Superintendent of Lamps and Lighting for each and every night such lamps remain defective, which fine will be deducted from the amounts due the contractor and forfeited to the city, unless such failure results from no neglect or other fault of the contractor.

13. The contractor must employ such number of men as is necessary, who must be registered voters of the City of Baltimore, to efficiently and promptly attend to the work required by the terms of these specifications, that the city may obtain the best service possible.

14. The lamps must be lighted and extinguished strictly in accordance with the schedule furnished by the Superintendent of Lamps and Lighting, which is approximately 3,900 hours per annum.

15. The contractor shall daily, before 12 o'clock noon, make a written report to the Superintendent of Lamps and Lighting, stating the number and location of all lamps that may be found defective, or extinguished, or not burning on the preceding night, if any, and the length of time each lamp failed to burn, and the cause thereof.

16. All lanterns, appliances and fixtures furnished under the contract shall be of the latest improved pattern, and any improvements made in lamp fixtures by the contractor shall be made known to the Superintendent of Lamps and Lighting, and, if requested by him, immediately supplied by said contractor to all lamps furnished, without additional cost.

17. Failure to commence the work of this contract at the time specified, or to prosecute it thereafter in a satisfactory manner, in the opinion of the Superintendent of Lamps and Lighting, for its entire completion, will be authority for the said Superintendent of Lamps and Lighting, with the consent of the Mayor, to suspend the contractors from the work and employ other parties to complete it, or wholly annul said work, and any excess of cost over and above the amount so retained will be charged against the contractor and sureties, who will each and severally be held liable therefor.

18. The contractor must conform to all laws now in existence in the City of Baltimore bearing upon the employment and treatment of all mechanics and laborers which may be engaged in the work of this contract.

19. Bond in double the estimated contract price will be required upon the award of the contract conditioned for the faithful performance of each and every one of the terms of the contract to be performed by the contractor as herein specified, and also to indemnify and protect the city against all claims for damages and all loss of any kind that may arise by reason of infringement of patent or patents, or by reason of any suit or suits that may be brought or prosecuted on account of any alleged infringement of patent or patents, or by reason of any default or negligence, want of skill or care on the part of the contractor, his agents or employees, in or about the performance or execution of the work necessary in carrying out the contract.

20. A certified check for one thousand ($1,000) dollars, made payable to the order of the Mayor and City Council of Baltimore, must accompany each bid.

21. The check of the successful bidder will not be returned until he has given a satisfactory bond. If he fails to furnish the bond, as required by Section 19 of these specifications, within ten days after the award of the contract is made, his check shall be forfeited to the city.

22. Bids must be submitted for a term of one year, beginning January 1, 1903, and ending December 31, 1903.

Bids must be submitted in addition, however, for the terms of two, three and five years.

23. Failure to comply with any portion of these specifications shall be sufficient cause for the abrogation of the contract.

24. The Board of Awards reserves the right to reject any or all bids or to accept any portion of a bid, as they may deem for the best interest of the City of Baltimore.

ROBERT J. MCCUEN,
Superintendent of Lamps and Lighting.

Approved:

THOMAS G. HAYES,
President of Board of Awards.

CONTRACT.

THIS CONTRACT made and entered into this 30th day of March, in the year of our Lord nineteen hundred and four, by and between the Mayor and City Council of Baltimore, of the first part, and The American Lighting Company of Baltimore City, a body corporate, of the second part, witnesseth:

WHEREAS, Robert J. McCuen, Superintendent of Lamps and Lighting, in pursuance of the power and authority in him vested, under and by virtue of the provisions of the City Charter, in Sections 14 and 15, did advertise for bids for installing, equipping, lighting, extinguishing and maintaining naphtha lamps using incandescent mantles, in Baltimore City, in conformity with certain specifications, which were, at the time of the insertion of said advertisement on file in the Office of said Superintendent of Lamps and Lighting, a copy of which is hereto attached and made a part hereof, as fully as though the same were set forth in detail herein; and

WHEREAS, In compliance with the said advertisement, which was inserted for the time required by the provisions of the said City Charter, the said The American Lighting Company of Baltimore City did submit its bid, addressed to the Board of Awards, care of George N. Numsen, City Register, which said bid so submitted was at the sum of twenty-three dollars and forty-five cents per lamp per annum, which said bid so submitted was the lowest responsible bid for furnishing of the lights under said specifications; and

WHEREAS, The Board of Awards did award to the said The American Lighting Company of Baltimore City, under its bid hereinbefore mentioned, the contract for installing, equipping, lighting, extinguishing and maintaining naphtha lamps, using incandescent mantles, in Baltimore City, in accordance with and in strict conformity to the specifications hereinbefore referred to, and made a part of this contract, for the period of three years, dating from January 1, 1903.

Now, therefore, In consideration of the premises and the sum of five dollars, the said the Mayor and City Council of Baltimore City, party of the first part, and the said The American Lighting Company of Baltimore City, party of the second part, do agree as follows:

First. The said The American Lighting Company of Baltimore City does hereby agree to install, equip, light, extinguish and maintain naphtha lamps using incandescent mantles in Baltimore City at and for the sum of twenty-three dollars and forty-five cents per lamp per annum for the period of three years, beginning on January 1, 1903, and ending December 31, 1905, in the manner and mode prescribed and set out in the specifications hereinbefore referred to which are embodied in and made a part of this contract, and to perform each and every provision stipulated in said specifications as to the manner of lighting and in all other things appertaining thereto.

Second. The party of the second part further agrees to save and keep harmless the Mayor and City Council of Baltimore from any loss, damage or injury arising from the use by the party of the second part of any patent owned or claimed to be owned by any one else, and

also to protect and save the said Mayor and City Council of Baltimore from any loss, expense, damage or injury arising from or caused by any delay in the performance of its duty as required by this contract, and the specifications referred to and made a part hereof, owing to the use by it, the party of the second part of any patent owned by any one else either through litigation or otherwise.

Third. The said The American Lighting Company of Baltimore City does upon its part agree to comply with and strictly perform each and every requirement, stipulation and condition of the said specifications in any and all particulars.

Fourth. The said the Mayor and City Council of Baltimore agrees upon its part to make monthly settlements with the party of the second part, upon a pro rata basis, according to the number of lamps that are in actual use for each and every month, beginning with the month ending January 31, 1903, in accordance with the terms and conditions of said specifications.

In witness whereof, The said part of the first part has caused these presents to be signed by the Mayor of Baltimore City and the corporate seal of the city to be hereunto affixed, duly tested by the City Register.

And the said party of the second part has caused these presents to be duly signed by its President, and attested under its corporate seal by its Secretary.

ROBERT M. McLANE,
Mayor.

HARRY F. HOOPER,
City Register.

THE AMERICAN LIGHTING COMPANY OF BALTIMORE CITY.

By R. STANLEY CARSWELL,
President.

Test as to signature of the
American Lighting Company,
GEO. P. NEY.

E. S. NEWBOLD,
Secretary.

Approved as to form and legal sufficiency:

W. CABELL BRUCE,
City Solicitor.

BOND.

Know all men by these presents, That we, The American Lighting Company of Baltimore City and the Fidelity and Deposit Company of Maryland, a corporation of Maryland, of the City of Baltimore, and State of Maryland, are held and firmly bound unto the Mayor and City Council of Baltimore in the full and just sum of sixty-two thousand dollars ($62,000) lawful money, to be paid to the said the Mayor and City Council of Baltimore, or the certain attorney, to which payment well and truly to be made and done, we bind ourselves, our successors and assigns, jointly and severally firmly by these presents. Sealed with our seals and dated this 30th day of March, in the year 1904.

WHEREAS, The Board of Awards of Baltimore City has awarded the contract for the lighting of the streets, lanes and alleys, with naphtha lamps using incandescent mantles, of the City of Baltimore in accordance with the terms and conditions of said contract and the specifications, a copy of which is attached to said contract; and

WHEREAS, The said The American Lighting Company of Baltimore City agrees to save and keep harmless the said the Mayor and City Council of Baltimore from any loss, damage or injury arising from the use by the said The American Lighting Company of Baltimore City of any patent owned or claimed to be owned by any one else, and also to protect and save the said Mayor and City Council of Baltimore from any loss, damage or injury arising from or caused by any delay in the performance of its duty, as required by said contract and the specifications referred to and made a part thereof, owing to the use of it by the said The American Lighting Company of Baltimore City, of any patent owned by anybody else, either through litigation or otherwise; and

WHEREAS, It is one of the conditions of said contract that the said The American Lighting Company of Baltimore City shall furnish a good and sufficient bond, with approved surety or sureties for the faithful performance of all the terms and conditions of said contract;

Now, the condition of the obligation is such, That if the said The American Lighting Company of Baltimore City shall comply in all respects with the terms of said contract, and shall defend, indemnify and save harmless the Mayor and City Council of Baltimore against any suit or suits, loss, damage or expense to which the said Mayor and City Council of Baltimore may be subjected by reason of any default or negligence, want of skill, or care on the part of the said The American Lighting Company of Baltimore City, its agents or employees, or any sub-contractor, in or about the performance and

execution of said work; then this obligation is to be null and void, otherwise to be and remain in full force and virtue in law.

Signed and sealed in the presence of

THE AMERICAN LIGHTING COMPANY OF BALTIMORE CITY.

Test as to signature of the American Lighting Company,
GEO. P. NEY.

By R. STANLEY CARSWELL,
President.

E. S. NEWBOLD,
Secretary.

E. F. DOBSON,
GEO. D. HENRY. } as to surety.

FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

By S. MANDELBAUM,
Vice-President.

Attest:
THOS. L. BERRY,
Asst. Secretary.

Approved:
ROBERT M. McLANE,
Mayor.

Approved as to form and legal sufficiency:
W. CABELL BRUCE,
City Solicitor.

Approved:
J. W. FREEMAN,
Deputy Comptroller.

SPECIFICATIONS

For Furnishing All the Illuminating Gas Necessary for Supplying All the Street Lamps Used in Lighting the Streets, Avenues, Lanes, Alleys and Highways of Baltimore City.

1. Bids must be submitted in sealed envelopes marked "Proposals for Furnishing Illuminating Gas Necessary for Supplying All the Street Lamps Within the City of Baltimore," and addressed to the Board of Awards, in care of the City Register.

2. The contractor must state in his bid the price of gas per lamp per annum for all the gas lamps now in service, the minimum number during the term of the contract to be sixty-two hundred (6,200), and also for as many additional street lamps as may be ordered hereafter from time to time by the Superintendent of Lamps and Lighting,

each lamp not to exceed four thousand (4,000) burning hours in any one year or to burn more than two and one-half cubic feet of gas in any one hour.

3. It is hereby agreed by the city to pay the contractor for the gas purchased under the terms of this contract in monthly payments.

4. Each bidder must enclose with his bid a certified check for the sum of one hundred ($100) dollars, made payable to the order of the Mayor and City Council of Baltimore. The check of the successful bidder will not be returned until after he has given a satisfactory bond for the proper performance of the terms of this contract. If he fails to furnish bond, as required, within ten days after the award of this contract is made, his check shall be forfeited to the city.

5. Bids must be for a term of two years, commencing the 1st day of June, 1903.

6. Bond in double the estimated contract price will be required upon the award of the contract, conditioned for the faithful performance of each and every of the terms of the contract to be performed by the contractor as herein specified.

7. The Board of Awards reserves the right to reject any or all bids.

ROBERT J. MCCUEN,
Superintendent of Lamps and Lighting.

Approved:

ROBERT M. MCLANE,
President Board of Awards.

CONTRACT.

This contract, made and entered into this 23d day of June, in the year of our Lord nineteen hundred and three, by and between Robert J. McCuen, Superintendent of Lamps and Lighting of the City of Baltimore, for and on behalf of the Mayor and City Council of Baltimore, party of the first part, and The Consolidated Gas Company of Baltimore City, a corporation organized under the laws of the State of Maryland, party of the second part.

Witnesseth: Whereas, The party of the first part, in pursuance of the power and authority in him vested, under and by virtue of the provisions of the City Charter, in Sections 14 and 15, did advertise for bids for the illuminating gas necessary in supplying all the street lamps within the City of Baltimore in conformity with certain specifications, which were, at the time of the insertion of said advertisement, on file in the office of the said Superintendent of Lamps and Lighting, a copy

of which is hereto attached and made a part thereof, as fully as though the same were set forth in detail herein; and

Whereas, In compliance with said advertisement, which was inserted for the time required by the provisions of the said City Charter, the said The Consolidated Gas Company of Baltimore City did submit its bid, addressed to the Honorable, the members of the Board of Awards of Baltimore City, care of Harry F. Hooper, Esq., City Register, which said bid was at the rate of seven dollars and twenty-five ($7.25) cents per lamp per annum for the lamps now in service, which said bid so submitted was the lowest bid for the furnishing of the gas under said specifications; and

Whereas, The Board of Awards did award to the said The Consolidated Gas Company of Baltimore City under its bid hereinbefore mentioned, the contract for furnishing the illuminating gas necessary in supplying all the street lamps within the City of Baltimore in accordance with and in strict conformity to the specifications hereinbefore referred to and made a part of this contract for the period of two (2) years, dating from June 1, 1903, at twelve o'clock noon.

Now, therefore, in consideration of the premises and the mutuality hereof, the said party of the first part and the said party of the second part, upon their respective parts do agree as follows:

First. The said party of the second part does hereby agree to furnish the gas for street lamps now in service and for the lamps that may hereafter be connected under the terms of this agreement, for a period of two years beginning June 1st, 1903, at noon, and ending June 1st, 1905, at noon, at the rate of seven dollars and twenty-five ($7.25) cents per lamp per annum in the manner and mode prescribed and set out in the specifications hereinbefore referred to, which are embodied in and made part of this contract, and to perform each and every provision stipulated in said specifications.

Second. The said party of the second part further agrees to make connections from its main pipes to such lamps as may hereafter be erected by the city along the lines of the Company's mains.

Third. The said party of the second part agrees further that it will make such changes in the services, supplying the lamps now in use or which may hereafter be put in use, as may be requested by the party of the first part.

Fourth. The party of the first part agrees to make monthly payments for the gas used, in accordance with its specifications.

Fifth. The said party of the first part agrees further to pay five ($5.00) dollars for each new lamp connected by the party of the second part; this payment to cover the cost of laying the service and making the connection from the gas main to the lamp.

Sixth. The said party of the first part agrees further to pay to the party of the second part the actual cost of making any changes or alterations in its services or connections to any street lamp which is now in use or which may be hereafter erected under this contract.

Seventh. The party of the first part agrees to pay to the party of the second party the sum of one ($1.00) dollar per thousand cubic feet (1,000 cu. ft.) for all gas used in any month in excess of the quantity specified, and agrees further to give the party of the second part access at all reasonable hours to the lamps and burners, for the purpose of determining the consumption of gas.

In witness whereof, the said party of the first part has hereto set his hand, and by and with the approval of his Honor, the Mayor, the corporate seal of the Mayor and City Council of Baltimore has been affixed hereto.

And the said party of the second part has caused these presents to be duly signed by its President and attested under its corporate seal by its Secretary.

ROBERT J. MCCUEN,
Superintendent of Lamps and Lighting.

THE CONSOLIDATED GAS COMPANY OF BALTIMORE CITY,
FERDINAND C. LATROBE,
President.
[SEAL.]
EDGAR T. POWERS,
Secretary.

Test as to:
FERDINAND C. LATROBE.
ALTEN S. MILLER.

Approved:
ROBERT M. MCLANE, *Mayor.*

Approved as to form and legal sufficiency:
OLIN BRYAN, *City Solicitor.*

BOND.

Know all men by these presents, That we, The Consolidated Gas Company of Baltimore City, and Ferdinand C. Latrobe and Charles H. Dickey, of the City of Baltimore and State of Maryland, are held and firmly bound unto the Mayor and City Council of Baltimore, in the full and just sum of ninety thousand dollars, lawful money, to be paid to the Mayor and City Council of Baltimore or to its certain attorney, to which payment, well and truly to be made and done, we bind ourselves, our heirs, successors and assigns, executors and administrators, jointly and severally, firmly by these presents. Sealed with our seals and dated this twenty-third day of June in the year nineteen hundred and three.

Whereas, The Superintendent of Lamps and Lighting advertised for bids for the furnishing of the illuminating gas for the lighting of the streets, avenues, etc., of Baltimore City, a copy of which specifications is hereto attached and made a part hereof as fully as though the same were set out in full herein; and

Whereas, Agreeably to said advertisement, and in accordance with the specifications hereinbefore referred to, the Consolidated Gas Company of Baltimore City did, on the 16th day of June, 1903, submit its bid for the furnishing of said illuminating gas for the period of two years, beginning June 1, 1903, at noon, and ending June 1, 1905, at noon, for the sum of seven dollars and twenty-five cents per annum for every single light used, for not less than six thousand two hundred lamps, all of which is specifically set forth in the said bid, the original of which is hereto attached and made a part hereof as fully as though the same were set out herein in full; and

Whereas, Said bid was, in conformity with the provisions of the City Charter, duly accepted by the Board of Awards, as provided for in Sub-sections 14 and 15 of the City Charter, and the contract for the furnishing of said gas, as hereinbefore provided, awarded to the said Consolidated Gas Company of Baltimore City under the terms of its bid and the specifications hereinbefore referred to.

And it is hereby agreed as part hereof that this contract shall not be assigned without the written approval and consent of the Mayor and the Superintendent of Lamps and Lighting.

Now the condition of this obligation is such that if the said Consolidated Gas Company of Baltimore City shall comply in all respects with the terms of said contract, and shall defend, indemnify and save harmless the Mayor and City Council of Baltimore against any suit or suits, loss, damage or expense to which the said Mayor and City Council may be subjected by reason of any default or negligence, want of skill, or care on the part of the said Consolidated Gas Company, its agents or employees, in or about the performance and execution of said work, then this obligation be null and void, otherwise to be and remain in full force and virtue in law.

FERDINAND C. LATROBE,
President. [SEAL.]

Signed and sealed in the presence of:

ALTEN S. MILLER, FERDINAND C. LATROBE. [SEAL.]
ALTEN S. MILLER, CHARLES H. DICKEY. [SEAL.]

Bond approved:
GEO. R. HEFFNER,
City Comptroller.

Form approved and legal sufficiency:
OLIN BRYAN,
City Solicitor.

Approved:
ROBERT M. MCLANE, *Mayor.*

Summary of Lamp Account.

GAS LAMPS.

Total number in service January 1, 1904	6,373	
Installed during the year	143	
Relighted during the year	14	
	6,530	
Discontinued during the year	118	
Total number in service December 31, 1904		6,412

BRIDGE GAS LAMPS (*In Clusters*).

Total number in service January 1, 1904	234	
Installed during the year	....	
Total number in service December 31, 1904		234

OTHER GAS LAMPS (*In Clusters*).

Total number in service January 1, 1904	24	
Installed during the year	....	
Total number in service December 31, 1904		24

ELECTRIC LAMPS.

Total number in service, including 26 in parks and squares, January 1, 1904	1,603	
Installed during the year	86	
Relighted during the year	10	
	1,699	
Discontinued during the year (account February fire)	100	
Total number in service December 31, 1904		1,599

NAPHTHA LAMPS.

Total number in serviee January 1, 1904	1,089	
Installed during the year	124	
	1,213	
Discontinued during the year	66	
Total number in service December 31, 1904		1,147
Total number of lamps of all descriptions in service December 31, 1904		9,416

TABULATED STATEMENT BY MONTHS OF THE HIGHEST, LOWEST AND GENERAL AVERAGE OF CANDLE POWER OF THE GAS.

1904.

	Highest.	Lowest.	General Average.
January	24.58	21.26	23.37
February	24.10	22.47	23.46
March	26.46	22.89	24.41
April	23.40	22.41	22.92
May	24.56	23.07	24.00
June	24.15	22.17	23.53
July	24.82	22.19	23.35
August	23.58	23.35	23.49
September	24.39	23.00	23.64
October	24.15	23.04	23.39
November	24.19	22.61	23.34
December	23.50	22.10	22.76

TABULATED STATEMENT BY MONTHS OF THE HIGHEST, LOWEST AND GENERAL AVERAGE OF PRESSURE OF THE GAS.

1904.

	Highest.	Lowest.	General Average.
January	2.40	2.10	2.25
February	2.53	1.08	1.97
March	2.40	2.01	2.27
April	2.10	1.90	2.00
May	2.01	1.98	1.99
June	1.98	1.90	1.94
July	2.00	1.95	1.98
August	2.20	2.00	2.06
September	2.40	2.00	2.16
October	2.40	2.20	2.25
November	2.20	2.00	2.04
December	2.23	2.00	2.14

LIST OF TABLES.

TABLE B.—I.

THE AMOUNT OF APPROPRIATION AND THE AMOUNT OF EXPENDITURES FOR SALARIES.

Original appropriation, salaries $12,987.50

Expenditures.

Supt. Lamps and Lighting.	Robert J. McCuen...	$1,999 99
Asst. Supt. " "	.William Mohr.....	1,562 50
Inspector Gas and Oils....	Louis S. Wilson.....	1,040 00
" " Meters	John H. Marley.....	936 00
Collector Meters and Oil...	Charles Heinritz	936 00
Supt. Eastern District.....	Benj. T. Wells.....	650 00
" Northeastern "	Geo. M. McClary...	650 00
" Western "	Wm. L. Cutaiar.....	8 94
" " "	Rudolph Bolard (Vice Cutaiar)....	75 00
" " "	Harry White (Vice Bolard)	475 00
" Northwestern "	Wm. H. Boone.....	650 00
" Southern "	John Bowers	650 00
" Northern Dist. No. 1.	Adam Hensel	75 00
" " " "	.Matthew O'Neill (Vice Hensel)	14 29
" " " "	.Robert C. Dudley (Vice O'Neill) ...	500 00
" " " " 2.	Hy. C .Kennedy	648 22
Inspector at Large.....	Jas. A. Jacobs	12 86
" "	Adam Hensel (promoted, vice Jacobs)	828 00
" "	Frank F. Bush	650 00
Extra Help.....	Clerical	75 00
" "	Labor	21 67
Total expenditures		$12,458 47
Balance unexpended		$529 03

TABLE A.

Exhibits the number and size of Gas Meters inspected and sealed for the Consolidated Gas Company, including those rejected (237) as being incorrect or otherwise out of order.

Months.	Size of Meters. 2 Lt.	3 Lt.	5 Lt.	10 Lt.	20 Lt.	30 Lt.	45 Lt.	60 Lt.	80 Lt.	100 Lt.	150 Lt.	200 Lt.	250 Lt.	Totals Monthly.	Total.
December, 1903	6	55	2,996	162	73	34	29	1	3	5	4	2	.....	3,370	
January, 1904	3	61	2,669	142	59	23	18	7	2	6	2	1	.....	2,993	
February, 1904	.....	80	2,603	248	90	56	43	15	3	11	5	.....	.....	3,154	
March, 1904	...	43	2,198	34	16	5	14	2	12	1	2	1	.....	2,328	
April, 1904	2	62	4,501	39	34	2	5	3	.....	3	.....	.....	.....	4,651	
May, 1904	2	49	3,720	102	32	11	4	6	1	1	.....	.....	.....	3,928	
June, 1904	.....	52	4,165	51	14	5	6	2	.....	1	4	.....	.....	4,300	
July, 1904	.....	50	3,509	170	68	14	20	7	5	3	4	2	.....	3,852	
August, 1904	3	114	3,681	126	98	15	24	10	7	9	1	1	1	4,090	
September, 1904	1	156	3,748	65	77	13	17	6	3	12	.....	1	.....	4,099	
October, 1904	2	152	4,954	85	77	11	8	6	2	4	.....	.....	.....	5,301	
November, 1904	1	71	4,031	148	48	4	2	4	.....	1	.....	.....	.....	4,310	
Totals	20	945	42,775	1,372	686	193	190	69	38	57	22	8	1		46,376

Size and number of Gas Meters inspected for private consumers proving incorrect, for which the Consolidated Gas Company was charged the sum of $1 each, as required by law.

Months.	Size of Meters. 3 Lt.	5 Lt.	10 Lt.	20 Lt.	45 Lt.	60 Lt.	100 Lt.		
December, 1903	.....	4	.....	1	.....	.....	.....	5	
January, 1904	1	11	1	.....	1	.....	.....	14	
February, 1904	.....	7	1	.....	.....	1	.....	9	
March, 1904	.....	1	.....	.....	.....	.....	1	2	
April, 1904	.....	3	1	.....	.....	.....	.....	4	
May, 1904	.....	1	.....	.....	.....	.....	.....	1	
June, 1904	.....	1	.....	.....	.....	.....	.....	1	
July, 1904	.....	.....	.....	.....	.....	.....	.....	.....	
August, 1904	.....	1	.....	.....	.....	.....	.....	1	
September, 1904	.....	.....	.....	.....	.....	.....	.....	.....	
October, 1904	.....	.....	.....	.....	.....	.....	.....	.....	
November, 1904	.....	3	.....	1	.....	.....	.....	4	
Totals	1	32	3	2	1	1	1		41

Size and number of Gas Meters inspected for private consumers proving correct, for which the consumer was charged the sum of $1 each, as required by law.

Months.	Size of Meters. 3 Lt.	5 Lt.	10 Lt.	20 Lt.	150 Lt.		
January, 1904	.....	14	2	1	.....	17	
February, 1904	.....	4	1	.....	.....	5	
March, 1904	3	.....	.....	.....	.....	3	
April, 1904	.....	2	1	.....	.....	3	
May, 1904	.....	2	2	.....	.....	4	
June, 1904	.....	2	.....	.....	.....	2	
July, 1904	.....	3	1	.....	.....	4	
August, 1904	.....	2	1	1	.....	4	
September, 1904	1	5	.....	.....	.....	6	
October, 1904	2	10	1	.....	.....	13	
November, 1904	.....	7	1	.....	1	9	
December, 1904	1	12	2	1	.....	16	
Totals	7	63	12	3	1		86
Total							46,503

Amount charged to the Consolidated Gas Company for the testing of new gas meters, in accordance with the decision of the Courts, at the rate of 25c. each, from May 1, 1903, to May 31, 1904	$2,757 75
Paid by the Consolidated Gas Company	2,756 75
Balance due May 31, 1904	$1 00

The decision of the Courts denied the City's right charging for retesting old and repaired gas meters from May 1, 1903, to May 31, 1904.

Payment for the meters tested and charged to the Consolidated Gas Company from June 1, 1904, up to and including November 30, 1904, viz: 25,958 meters (which includes 6 private meters) is withheld by the Gas Company, pending a question raised by that company to pay the fee of 25c. each, as required by a new ordinance passed by the Mayor and City Council May 31, 1904, on the ground that the City has no legal right to charge in excess of the cost for the inspection of gas meters.

TABLE B.—II.

THE AMOUNT OF APPROPRIATION AND THE AMOUNT OF EXPENDITURES FOR ELECTRIC LIGHTS AND MAINTENANCE.

Original appropriation		$160,147 00
Expenditures.		
Total cost for maintaining and operating electric arc lamps, as per contract	$156,496 44	
Total cost for maintaining and operating 26 electric arc lamps in parks and squares, adjoining public streets, as per contract	2,824 33	
Total cost for incandescent electric lights in No. 6 Engine House clock	169 20	
Cost of labor for changing locations of electric arc lamps throughout the city, as directed by the Department	188 77	
Installing and repairing electric ammeters	70 10	
Enameled and glass street signs	264 24	
Charts for ammeters	19 50	
Miscellaneous items:		
Extra current, drilling and tapping wires, set screws, etc	48 69	
Total expenditures		$160,081 27
Balance unexpended		$65 73

TABLE B—III.

THE AMOUNT OF APPROPRIATION AND THE AMOUNT OF EXPENDITURES FOR GAS LIGHTING AND MAINTENANCE.

Original appropriation		$135,392 70
Expenditures.		
Total cost for maintaining and operating street gas lamps, which includes rental of burners, mantles, fixtures, repairs and lamplighters' salaries, as per contract price	$83,507 51	
Total cost for gas supplied to street lamps, as per contract	47,849 37	
Total cost for gas supplied to city markets, halls and Washington Monument	488 96	
Brass Meter Seals	135 00	
Glass and enameled street signs	211 31	
Gas meter prover, fixtures, water heater, etc.	275 64	
Livery for three horses and wagons	775 00	
Salaries incident to this account	617 45	
Connecting gas service to street lamps	1,097 87	
Repairs to wagons and harness	82 00	
Hiring extra teams—removing disconnected lamp-posts from burnt district	81 00	
Extra labor-testing gas meters	156 75	
Miscellaneous items: Hardware, paints, solder, coulpings, fittings, zinc, etc	67 73	
Total expenditures		$135,345 59
Balance unexpended		$47 11

TABLE B—IV.

THE AMOUNT OF APPROPRIATION AND THE AMOUNT OF EXPENDITURES FOR NAPHTHA LAMPS AND MAINTENANCE.

Original appropriation	$24,720 08
Expenditures.	
Total cost for maintaining and operating Naphtha (incandescent) street lamps, which includes rental of burners, mantles, fixtures, repairs and salaries of lamplighters, as per contract	$24,650 14
Balance unexpended	$69 94

TABLE B—V.

THE AMOUNT OF APPROPRIATION AND THE AMOUNT OF EXPENDITURES FOR INCIDENTALS.

Original appropriation		$300 00
Expenditures.		
Car tickets	$60 00	
Advertising for proposal	50 09	
Department badges	40 00	
Postage stamps	23 00	
Typewriting specifications	23 17	
Printing 1903 report	23 50	
Team hire—removing old lamp-post	10 00	
Miscellaneous, hardware	11 12	
City Directory	6 00	
Gas Directory	5 00	
Paints, oils, etc	6 56	
Postals and printing	2 00	
Railroad fare	4 50	
Expressage, long distance telephone, etc	70	
Total expenditures		$265 64
Balance unexpended		$34 36

TABLE C.

SUMMARY SHOWING THE AMOUNT OF APPROPRIATIONS, RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING DECEMBER, 31, 1904.

Account.	Amount of Appropriations.	Expenditures for the Year Ending Dec. 31, 1904.	Balances December 31, 1904.
Salaries	$ 12,987 50	$ 12,458 47	$ 529 03
Gas lighting and maintenance	135,392 70	135,345 59	47 11
Electric lights and maintenance	160,147 00	160,081 27	65 73
Naphtha lamps and maintenance	24,720 08	24,650 14	69 94
Indidentals	300 00	265,64	34 36
	$333,547 28	$332,801 11	$746 17

DEPARTMENT RECEIPTS.

Total receipts—Fees for inspecting and testing gas meters	$2,886 75	
Total amount refunded—Account of incorrect and defective meters	44 00	
		$2,842 75
Total receipts from sale of old material		79 71
Total revenue		$2,922 46

Total appropriation for the year 1904	$333,547 28
Total expenditure for the year 1904	332,801 11
Balance unexpended	$746 17
Total receipts from inspection of gas meters, etc.	2,922 46
Total amount transferred to City Register	$3,668 63

TABLE D.

SHOWS THE AMOUNT REQUIRED FOR THE YEAR ENDING DECEMBER 31, 1905.

The appropriation for salaries will cover the expense of the office and inspectors	$ 13,448 00
The appropriation for gas lighting and maintenance will cover the cost of gas for street lamps, squares, markets and bridges, rental of burners, incandescent mantles, fixtures and repairs, and salaries of lamplighters, keep of horses and wagons, street signs, labor, etc	119,169 94
The appropriation for naphtha lighting and maintenance will cover the cost of gasoline and filling the fluid-burning lamps, rental of burners, mantles, fixtures, repairs and salaries of lamplighters	25,967 50
The appropriation for electric lights will cover the cost of electric arc lights for the streets, squares, markets, bridges and incandescent lights in No. 6 Engine House clock	152,949 16
The appropriation for incidentals will cover the expense for advertising, directory, postage, etc	250 00
	$311,784 60

INVENTORY OF THE PROPERTY OWNED BY THE CITY AND USED IN OPERATING THE STREET LIGHTING SERVICE, ENDING DECEMBER 31, 1904.

General Office.

1 Filing Card Cabinet and Stand.
1 Report and Letter-Filing Cabinet.
1 Standing Desk, Books, etc.
1 Underwood Typewriter.
1 Typewriter Desk.
1 Letter Press and Stand.
1 Clock.
1 City Directory, 1905.
1 Gas Directory, 1904.

Laboratory.

1 60-inch "Letheby" Bar Photometer.
1 100 " " " "
1 Standard "Harcourt" Pentane Lamp.
1 "Lowe" Improved Jet Photometer.
1 Bristol Recording Gas Pressure Gauge.
1 9-inch Syphon Water Gauge.
2 6- " " " "
1 Round Glazed Test Meter.
1 Square " " "
1 "Referee" Sulphur and Ammonia Apparatus. (Complete.)
1 Water-Balanced Recording Gas Pressure Gauge.
1 Taglibeau Open Coal Oil Tester. (Complete.)
3 Hydrometers.
2 " Cylinders.
4 Thermometers.
1 Set Upright Burette Tubes, with Stand. (Complete.)
3 Syphon Burette Tubes.
1 Gross Standard Glass Bottles.
8 Leather Bottle Cases.
1 No. 10 Laboratory Balance and Stand. (Complete.)
2 Pair Pliers.
1 Hammer.
1 Screw Driver.
1 Spirit Level.
1 Underwood Typewriter.

1 Typewriter Desk.
1 Fire-proof Filing Cabinet.
1 Letter Press.

On Streets.

6,299 Gas Lamp Posts.
6,502 "Miner" Lanterns.
690 Unused Gas Posts.
15,500 Glass and Enameled Signs (estimated).
5 Bristol Recording Electric Ammeters.
5 " " Gas Pressure Gauges (located in Engine Houses).

Meter Department.

4 Gas Meter Provers. (Complete.)
1 Small Hammer.
1 Fire Pot.
2 Pair Pliers.
1 Monkey Wrench.
2 Soldering Irons.
1 Set Steel Dies for Meter Seals.
2,000 Brass Meter Seals.
1 Water Heater and Connections.

Stored in City Yard.

124 Unused Gas Posts.
280 " Cedar Posts.
1 Lot Scrap Iron.

Stored in Old City Hall.

250 "Miner" Square Gas Lanterns (unglazed).
750 Old Flat Flame Gasoline Lanterns.
8 Large "Miner" Lamps.

Stored in City Hall Cellar.

2 Search Lights.
4 Rolls Heavy Wire Cable.
1 Barrel Sockets.
20 Switches and Switch Boxes.
200 Bundles Streamers.
25 Rolls Copper Wire.

1 Iron Frame and Fixtures.
110 Street Lamp Globes.
2 Small Copper Bridge Lamps.
4 Large " " "
40 Urns.
8,580 Glass Signs for Street Lamps.
1 Lot Copper Wire Scrap.

Shop (Old City Hall.)

4 Manvils, 2 Rollers, 1 Hatchet Stay, 1 Groover, 1 Square Stay, 1 Brake, 3 Shears, 1 Drill Press, 1 Pipe Cutter, 1 Anvil, 1 Set Stocks and Dies, 2 Vises, 1 Sledge Hammer, 2 Screw Drivers, 2 Small Hammers, 1 File, 4 Swedges, 1 Fire Pot, 1 Grindstone, 1 Pair Pipe Tongs, 1 Pair Pliers, 1 Pair Snips, 3 Punches, 4 Sheets Tin, 1 Sheet Brass Gauze, 1 Bundle Brass Wire, 200 Feet ⅛-inch Pipe, 1 Two-ft. Square, 1 Length ¼-inch Pipe, 1 Blacksmith Forge, 1 Shovel, 1 Crow Bar, 1 Rammer, 1 Monkey Wrench.

1 Horse, 1 No-top Wagon, 1 Robe, 2 Buggies, 1 Set Harness, 1 Blanket.

SUPPLEMENTARY REPORT.

Showing the Specifications, Agreement and Bond for New Electric Lighting Contract.

OFFICE OF THE SUPERINTENDENT OF LAMPS AND LIGHTING,
CITY HALL, BALTIMORE, MD.

SPECIFICATIONS

For Furnishing, Operating and Maintaining Electric Arc Lamps for Lighting the Streets, Avenues, Parks, Squares, Roads, Bridges, Docks, Piers, Lanes and Alleys Within the City of Baltimore.

Bids or estimates will be received for lighting the streets, avenues, parks, squares, etc., within the city with electricity under the following conditions:

General.

1. Bids or estimates must be submitted in sealed envelopes, marked "Proposals for Electric Arc Lights" and addressed to the Board of Awards, in care of Harry F. Hooper, City Register, at the City Register's Office, City Hall, not later than 11 o'clock A.M., Wednesday, March 1st, 1905.

2. Bids or estimates must be submitted for terms of one, three, five and ten years.

3. Bids or estimates must be submitted for all arc lights at each location within the city where each arc light is now in service, and are to include, at the same rate proposed by the successful bidder, such additional arc lights that may from time to time be ordered to be installed during the term of the contract by the Superintendent of Lamps and Lighting within the corporate limits of the City of Baltimore.

4. All bids or estimates must contain two propositions, one stating the price per lamp per year for lighting service in the underground

district, and one stating the price per arc lamp per year for lighting service in the overhead district. The two propositions shall be considered together as going to make up one bid and not separately, the intent being to award the electric lighting contract to one contractor.

5. Each bidder must enclose with his bid a certified check for five hundred ($500.00) dollars, made payable to the order of the Mayor and City Council of Baltimore. The check of the successful bidder will be returned after a proper bond has been given for the carrying out of the contract. If the bidder fails to furnish the bond as required by these specifications within ten days after the award is made, the said check shall be forfeited to the city.

6. Bond in double the amount of the contract price will be required upon the award of the contract conditioned for the faithful performance of each and every one of the terms of the contract to be performed by the contractor as herein specified, and the contractor by said bond shall indemnify and hold harmless the Mayor and City Council of Baltimore City against any and all claims which may be made by reason of any infringement of patent right in the use of the lamps, dynamos or any other article, apparatus or process which may be used in operating or maintaining the lamps under these specifications; and said bond shall also indemnify and hold harmless the Mayor and City Council of Baltimore City, its officers, agents or servants and each and every of them, against and from all suits of actions of every name and description brought against the Mayor and City Council of Baltimore City, or any of its officers, agents or servants, and also from all damages and costs to which it, they or any of them may be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of its obligations under this contract, or from failure on the part of the contractor to comply with any or all of the conditions of these specifications, to wit: Under this contract by furnishing the lighting for the streets as specified herein, or from any improper or defective material, bracket, pole or post, burner, implements or appliance used in the performance of the same or from any act or omission of said contractor or its agents.

7. If the contractor shall not well and truly observe, perform, fill and keep all and singular the covenants and conditions herein mentioned and contained, on its part and behalf to be observed, performed, fulfilled and kept according to the true intent and meaning of these specifications, then in that case the Superintendent of Lamps and Lighting, with and by the advice and consent of the Mayor, may and shall have the power, on the part of the City of Baltimore, to declare this annulled and vacated and thereupon it shall become and be thenceforth null and void.

8. As it is the true intent of these specifications to make provision for obtaining and keeping in service at all times during the existence of this contract, the very best and highest standard of electric arc lighting as it is possible to secure, consistent with the standard regulations of electricity, it is distinctly understood that any doubt as to the meaning of these specifications and any obscurity in the wording of them will be explained by the Superintendent of Lamps and Lighting, who shall have the right to correct any errors or omissions in them when such correction is necessary for the proper fulfillment of their intentions and the object desired.

9. Nothing in these specifications shall be construed to prohibit or prevent the Mayor and City Council of Baltimore City from contracting for or establishing, using and maintaining their own electric lighting system for the purpose of lighting the city streets or any building under the control or supervision of the said Mayor and City Council, and when the said Mayor and City Council shall provide its own electrical lighting system the Mayor may, upon one year's notice to the contractor, annul the contract made in this specification; provided this concluding provision relating to annulling the contract upon one year's notice shall only apply to a contract which exceeds three years in duration.

10. The Board of Awards reserves the right to reject any or all bids as the members thereof may deem best for the City of Baltimore.

Territory to be Lighted.

11. The territory to be lighted by the contractor under the requirements of these specifications shall be the City of Baltimore, and this territory shall be divided into two districts, to be known as the "Underground District" and the "Overhead District," respectively. The "Underground District" shall include all arc lights which are now located and in service in said district as shown to be connected in the city conduits by the lateral connections on the map of the City Conduits, and as many additional arc lights that may be ordered to be installed in said "Underground District" by the Superintendent of Lamps and Lighting during the term of the contract. All arc lamps located within this "Underground District" and such additional arc lamps that may be ordered to be installed during the term of the contract, shall be supplied by and through underground connections properly established in the city conduits by the contractor under the supervision and in accordance with the rules, regulations and requirements of the Electrical Commission.

12. The "Overhead District" shall be that portion of territory within the City of Baltimore, beyond the limits of the "Underground District." All arc lamps located and in service within this overhead district and all additional arc lamps that may be ordered to be installed during the term of the contract shall be supplied by overhead wires. As the "Underground District" extends beyond its present boundaries, the contractor shall, at his own expense, change from overhead to underground service in such extended underground district, and all arc lamps so changed shall thereafter be paid for by the city, at the rate covered by the contract price for the maintenance of arc lamps in the underground district.

13. All arc lamps located in the underground district shall be served entirely from circuits carried underground in the city conduits, and as said city conduits may be extended from time to time during the term of this contract, all arc lamps located along the line of such extensions shall be changed from overhead to underground, in accordance with the provisions of these specifications, as soon as practicable after the conduit extensions have been made. The lateral duct connections to and up the lamp-pole for the proper distance will be made and owned by the City of Baltimore. The cable furnishing electric service to each and every arc lamp within the limits of the underground district which shall be ready for service when this contract becomes effective, and thereafter during the term of this contract, as said underground district is from time to time extended, is to be owned and operated by the successful bidder, together with all necessary appliances and devices necessary for the proper operation of the arc lamps located in said underground district. The cable which is to be used under the requirement of these specifications, it is understood, may be purchased by the City of Baltimore at the expiration of the contract period at a price to be agreed upon between the successful bidder and the City of Baltimore. It is further conditioned that the successful bidder, upon execution of a satisfactory contract, shall pay to the City of Baltimore duct rental at the rate or rates established by the Electrical Commission, in accordance with lease executed by the successful bidder with said Electrical Commission.

Equipment.

15. All labor, apparatus, lamp-posts, mast-arms, brackets, cables, wires, conductors, arc lamps, fixtures, fittings, connections, carbons, globes and appurtenances of any and every description, necessary for the lighting of the streets, etc., by electricity, under the requirements of these specifications, shall be furnished by and at the expense of the

contractor, as also for all electric current and labor of every description for supplying all arc lamps with electricity and for maintenance and repairs of every kind. All construction, supplying of current, carbons, globes, lighting, extinguishing and keeping in repair and labor shall be done at the expense of the contractor. All cables, wires and conductors of every description used for conveying and distributing the electric current to all arc lamps, shall be properly and thoroughly insulated, and shall be placed in such locations and in such manner as will prevent them being tampered with or handled by any unauthorized person or persons, and the City of Baltimore shall not be held responsible for any injury or accidents which may be occasioned by a faulty construction of said cables, wires, conductors or arc lamps, or by the electric current. The contractor hereby agrees that he will indemnify and save harmless, the City of Baltimore, it officers, agents or servants, and each of them, against and from all suits and actions of every name and description brought against them, or any of them, and against and from all damages and costs to which they or any of them may be put by reason of injury to the person or property of another resulting from negligence or carelessness in the performance of the work of lighting the streets, highways or other public places, by said contractor, or from any improper or defective material, machinery, implement or appliance used by the contractor in lighting the streets, highways and other public places of the City of Baltimore, or from any acts or omission of said contractor, his agents or employees. Such equipment shall remain the property of the contractor.

16. The arc lamps provided under these specifications are to be of any standard and approved type, and to operate on continuous current of not less than six and six-tenths (6.6) amperes, and at a pressure of not less than seventy-two (72) volts, measured at the arc for inclosed arc lamps sufficient to produce what is known as a nominal 2,000 candle-power light; or to operate an alternating current of not less than seven and five-tenths (7.5) amperes and at a pressure of not less than seventy (70) volts, measured at the arc for alternating current arc lamps, sufficient to produce what is known as a nominal 2,000 candle-power light, which must be maintained uniformily at each and every arc lamp in each and every circuit under this contract. Each alternating current arc lamp must be provided with an approved reflector.

17. Every arc lamp shall be supplied with one-half (½) inch carbons of best quality and with globes of clear glass of uniform thickness and proper shape, to avoid causing rings or streaks of light and shadow. All globes that may become broken must be replaced by sound ones

each day before starting the lights, and all electric lamps used under this contract shall burn with a clear, steady white light, without undue hissing or flickering, each and every night during the term of this contract.

18. Such equipment furnished under this contract must not be dangerous, unsightly, or such as to incommode the adjoining property unnecessarily, and shall be erected in a manner satisfactory to the Superintendent of Lamps and Lighting.

19. Changes of locations of arc lamps must be made by the contractor within a reasonable time after the receipt of the notice from the Superintendent of Lamps and Lighting, and only the cost of labor used in making these changes shall be paid by the city. The Superintendent of Lamps and Lighting reserves the right at any time to discontinue the use of any arc lamp or lamps that he may deem expedient; provided, however, that the number of lamps in service throughout the city at the time of the award of this contract shall not be diminished so long as the contract remains in force.

20. The Superintendent of Lamps and Lighting shall have the right to require the contractor to furnish a vertical half ground globe for the purpose of shading such house or houses as may be deemed advisable in the judgment of the Superintendent of Lamps and Lighting, which the contractor shall furnish without any additional cost.

21. In case of open arc lamps, dirt and carbon dust must be removed from the globe and thoroughly cleansed inside and outside each day before starting to light. In the case of inclosed arc lamps this must be done as often as necessary. Each inclosed arc lamp shall be supplied with a clear glass, or oplescent glass, under globe, as may be directed by the Superintendent of Lamps and Lighting, and shall also be supplied with a clean glass outer globe.

22. All lamp-posts, lamp supports and fixtures for the use of arc lamps located in the underground district must be painted two coats of paint in such color as directed by the Superintendent of Lamps and Lighting, and such painting shall be done once in each year and oftener if necessary. All new lamp-posts, lamp supports and fixtures for the use of any additional arc lamp that may be ordered erected in said underground district shall be painted as soon as possible after the same have been erected.

23. Whenever the Superintendent of Lamps and Lighting shall require that any lamp-post or posts shall be straightened or set plumb, or that any lamp-post or posts or other fixtures be painted or repaired, or that any arc lamp be adjusted in such manner as will remove any shadows from the street beds so as to distribute the light to the best

advantage in lighting the streets, the same shall be done within twenty-four hours after the Superintendent of Lamps and Lighting shall notify the contractor of such requirement.

24. The contractor shall remove any and all lamps, lamp-posts, poles and fixtures, used, erected and maintained by him for lighting under this contract, if not purchased by the City of Baltimore, within ninety days after the expiration of this contract, should the Superintendent of Lamps and Lighting so require.

Testing.

25. For the purpose of making tests to determine whether or not the number of amperes and volts required by the terms of these specifications is being supplied to the arc lamps, and of examining apparatus and appliances, it is understood and agreed that the contractor will furnish to and permit such proper person or persons as the Superintendent of Lamps and Lighting may authorize, access at all times to all lamps, lamp-posts, poles, wires, conduits, fixtures, apparatus or machinery on the street or to any of the stations of the contractor supplying electric current or light under this contract, and the said Superintendent of Lamps and Lighting shall have the privilege at any and all times when the arc lamps are burning of testing any of the city electric light circuits at such point or points as may be selected by the Superintendent of Lamps and Lighting, by the use of such standard measuring instruments as he may desire to use, and he shall maintain such instruments in circuit for so long a time as he may deem it advisable, and any arc lamp not found up to the standard of light, as provided by these specifications, will be considered as not burning, and the contractor shall be penalized as herein specified.

Service.

26. The term of this contract shall be from, and the service under this contract shall begin with, September 13th, 1905.

27. There are now in service throughout the city, February 15, 1905, 1,775 arc lamps, of which number 198 are located in the underground district, 1,377 are located in the overhead district, and 200 are located in the parks and Squares. All the arc lamps and fixtures are the property of the present contractor, except the poles and wires in Druid Hill Park.

28. The contractor shall each day, before 12 o'clock noon, make a written report to the Superintendent of Lamps and Lighting, stating the number and location of any lamps extinguished or not burning on

the preceding night, if any; the time where each lamp was reported extinguished or not burning, and the time the lamp was replaced and started burning; and the said report shall also state the cause for each said lamp being extinguished or failing to burn; and if any of the said lamps are extinguished by reason of the failure of the current to supply said lamps, or for any other reason, his report shall contain a statement of the cause of such failure to supply current.

29. On or before the last day of each month the Superintendent of Lamps and Lighting shall furnish to the contractor a schedule showing the time when the arc lamps shall start to burn for each day of the next ensuing month, and the time when the said arc lamps shall be extinguished, which shall be approximately a half hour after sunset to half an hour to sunrise, respectively.

30. The contractor is to maintain service, at the current and voltage characteristics specified herein, during the entire time provided in the said schedule, and all electric lamps shall burn in standard operating during the said time.

31. Any approval given by the Superintendent of Lamps and Lighting of any arc lamps or equipment, provided under these specifications, or of any locations, shall not relieve the contractor of any responsibility in case of accident or injury to person or property.

32. The contractor shall use all diligence in providing a regular uninterrupted supply of current during the time specified herein. Should the supply of current or the service under these specifications be interrupted or be defective, or fail as a result of the company's negligence, the Superintendent of Lamps and Lighting shall deduct two nights' pay for every arc lamp not up to the standard provided herein, or for any arc lamps upon a circuit not up to the standard, and five nights' pay for every arc lamp which the contractor shall fail to light during the night; *provided,* that the Superintendent of Lamps and Lighting may, if the circumstances in fairness decide that a less deduction be made, and omit part of the penalty imposed by this section, and should any arc lamp or lamps be extinguished or not lighted during the time provided in the said schedule, through the fault or negligence of the contractor, and during a period of thirty minutes consecutively, the said Superintendent of Lamps and Lighting shall deduct from the bills of the contractor half the amount which the contractor would be entitled to receive if such arc lamp or lamps had been lighted during the whole night, and for each and every arc lamp which shall be extinguished or not lighted for sixty minutes consecutively, the Superintendent of Lamps and Lighting shall deduct the full amount which the contractor would be entitled to receive if

such arc lamp or lamps had been lighted the whole night, which deductions are hereby agreed upon, fixed and determined as liquidated damages which the contractor will suffer by reason of such lamps being extinguished or not lighted as aforesaid, and not by way of penalty.

33. Any failure on the part of the contractor to light the lamps as required by the terms of these specifications, to such an extent as to require the city to provide for any other, or a similar character of light, which may be necessary to meet the conditions that exist as a result of such failure to light the city streets, the additional expense of all such emergency lighting shall be charged to the contractor under this contract.

34. Lamps not burning in a manner satisfactory to the Superintendent of Lamps and Lighting shall be changed, and proper lamps substituted within twelve hours after the notice has been given by the Superintendent of Lamps and Lighting that the lamps referred to did not burn satisfactorily.

35. No service whatever, other than that contracted for by the city and maintained on the city circuits, shall be supplied from the circuits giving current to the city lamps under these specifications, unless such service shall be approved in writing by the Superintendent of Lamps and Lighting.

36. The contractor must maintain, at his own expense, an efficient system of patrol for inspecting the arc lamps during the hours they are burning, so that any arc lamp which fails to burn properly shall be promptly reported and put in order or immediately replaced with a sound lamp. It is understood by the contractor that the utmost diligence shall be used in order that the streets, avenues, lanes, alleys, etc., shall be properly and efficiently lighted, and to this end a sufficient number of men shall be employed as inspectors, so that each arc lamp may be examined at least three times each night.

37. All safety appliances known to the best electrical practice shall be used throughout the system authorized directly or indirectly by this contract, and any improvements made in lamp fixtures by the contractor shall be made known to the Superintendent of Lamps and Lighting, and if required by him, immediately supplied to all lamps furnished under this contract without additional cost.

38. The contractor shall furnish to the Superintendent of Lamps and Lighting, within five days of his request, the number and geographical location of each lamp on each circuit, and shall also specify the order in which the lamps are located on the circuit. No changes from this schedule will be permitted except with the written permission of the Superintendent of Lamps and Lighting.

Payments.

39. And it is further agreed, that on and after the first day of each and every month during the term of this contract the contractor shall furnish proof to the satisfaction of the Superintendent of Lamps and Lighting that the said contractor has fully performed and fulfilled this contract in all particulars and conditions aforesaid during the preceding month. Upon so doing the said Superintendent of Lamps and Lighting shall certify the fact, and in his certificate state the amount to which the contractor shall be entitled for all the duties performed by said contractor during such preceding month, and annex thereto a requisition upon the Comptroller to pay the contractor therefor the sum to which said contractor shall be so entitled; and without such proof to the satisfaction of the Superintendent of Lamps and Lighting, he shall not make any certificate nor requisition on the Comptroller; and without such proof being furnished by the contractor to the Superintendent of Lamps and Lighting, the said contractor shall not be or become entitled to any payment in respect to services which were required to be done, or should have ben done, in such preceding month.

ROBERT J. MCCUEN,
Superintendent of Lamps and Lighting.

Approved:

E. CLAY TIMANUS,
President Board of Awards.

February 17, 1905.

AGREEMENT.

THIS AGREEMENT, Made this 24th day of March, in the year nineteen hundred and five, by and between the MAYOR AND CITY COUNCIL OF BALTIMORE, of the first part, and THE CONSOLIDATED GAS. ELECTRIC LIGHT AND POWER COMPANY, a corporation duly incorporated under the laws of the State of Maryland, of the second part.

WHEREAS, Under and in conformity with the provisions of the City Charter, proposals were duly advertised for furnishing, operating and maintaining electric arc lamps for lighting the streets, avenues, parks, squares, roads, bridges, docks, piers, lanes and alleys within the City of Baltimore; and the party of the second part did submit bids in accordance with said proposal and the specifications which were on file in the office of the Superintendent of Lamps and Lighting, unto the Board of Awards; and

WHEREAS, Said specifications provided for a contract to be made, if so desired, for the period of five years; and

WHEREAS, The bid of the party of the second part was submitted agreeing to contract for the lighting, in whole or in part, of the said streets, avenues, parks, squares, roads, bridges, docks, piers, lanes and alleys within the City of Baltimore, as also for such other additional lights as may hereafter be deemed necessary by the Superintendent of Lamps and Lighting, at and for the price of sixty-seven ($67.49) dollars and forty-nine cents for each and every lamp for each year; and

WHEREAS, Said bid so submitted was duly accepted by the said Board of Awards for the period of five eyars from September 13, 1905, and the said Consolidated Gas, Electric Light and Power Company was thereupon awarded the contract for said period of five years at the said sum of sixty-seven ($67.49) dollars and forty-nine cents for each and every lamp for each year, upon the condition, stipulations and specifications filed herewith, being a true copy of those which were filed in the office of the said Superintendent of Lamps and Lighting when the advertisement was inserted.

NOW, THEREFORE, IN CONSIDERATION OF THE PREMISES, And the further consideration of the contract for the lighting of the said streets, avenues, parks, squares, roads, bridges, docks, piers, lanes and alleys within the City of Baltimore, where electric arc lights are used or may hereafter be ordered to be erected by the Superintendent of Lamps and Lighting, the said Consolidated Gas, Electric Light and Power Company doth hereby covenant and agree that it will light and keep burning all electric arc lights which are now, or may hereafter lawfully be placed in or upon any of the streets, avenues, parks, squares, roads, bridges, docks, piers, lanes and alleys within the City of Baltimore, upon the terms and conditions set forth in the said specifications on file with the Superintendent of Lamps and Lighting, a copy whereof, as hereinbefore referred to, is hereto annexed and is intended to be, and does in fact form, a part of this contract as fully as though the same had been set out in full herein.

And the said Consolidated Gas, Electric Light and Power Company doth further covenant and agree that it will in all respects comply with and fulfill the requirements of said specifications and each and every paragraph thereof.

And it is expressly agreed by the Consolidated Gas, Electric Light and Power Company, that whenever and as often as any of the said lamps in the City of Baltimore shall cease or fail to burn, it will use every means in its power to, and as soon as practicable, relight the same, and keep said lamp or lamps burning for the remainder of the

night, even though by the terms of the specifications the said Consolidated Gas, Electric Light and Power Company is to receive no pay for the said lamp for that night by reason of the same having been out for one hour during the said night.

And it is further agreed that in the event of a lamp being developed that will give as much or more light than the lamp described under this specification, the Superintendent of Lamps and Lighting may authorize such lamp to be used in the place of the lamps described.

And it is expressly assented to by the said Consolidated Gas, Electric Light and Power Company, that its failure to use every means in its power to relight from time to time, and as often as the same shall go out, every light in the City of Baltimore, shall, in addition to the express causes set forth in the above contract and attached specifications, be a cause for the forfeiture of this contract under Section 7 of said specifications.

It is further covenanted and agreed that the said Consolidated Gas, Electric and Power Company shall give unto the City of Baltimore a bond for the amount required by said specifications in some surety company, to be approved by the party of the first part, conditioned for the performance of all the terms of this contract.

And it is further covenanted and agreed that the party of the first part shall make monthly settlements with the party of the second part for the lighting of said city upon the terms agreed upon.

In witness whereof, The Mayor and City Council of Baltimore hath caused its seal to be affixed hereto, and the Mayor thereof, E. Clay Timanus, to set his hand hereto; and the said Consolidated Gas, Electric Light and Power Company has also signed this contract by its Vice-President and has caused its corporate seal to be hereto attached, on the day and year first written above.

Consolidated Gas, Electric Light and Power Company,

By Alten S. Miller,

Vice-President.

Witnesses:

Wallace Robb,

M. B. Cary.

Attest:

W. Stuart Symington,

Secretary.

E. Clay Timanus,

Mayor.

Attest:

Harry F. Hooper,

Register of the City of Baltimore.

Approved as to form and legal sufficiency:

W. Cabell Bruce,

City Solicitor.

BOND.

KNOW ALL MEN BY THESE PRESENTS, That we, THE CONSOLIDATED GAS, ELECTRIC LIGHT AND POWER COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, are held and firmly bound unto the Mayor and City Council of Baltimore in the full and just sum of two hundred and forty-two thousand nine hundred and sixty-four ($242,964.00) dollars, lawful money to be paid to the Mayor and City Council of Baltimore, or to its certain attorney, to which payment well and truly to be made and done, we bind ourselves, our successors and assigns, jointly and severally, firmly by these presents, sealed with our seals, and dated this 24th day of March, A.D. 1905.

WHEREAS, The Board of Awards did, in pursuance to an advertisement, based on certain specifications, a copy of which were and are now on file in the office of the Superintendent of Lamps and Lighting, award to The Consolidated Gas, Electric Light and Power Company, on the 15th day of March, A.D. 1905, a contract for the period of five years, at and for the sum of sixty-seven ($67.49) dollars and forty-nine cents, per year for each and every lamp; and

WHEREAS, The said The Consolidated Gas, Electric Light and Power Company is about to enter into said contract for the said time at the said price, the same to be paid in monthly installments; and

WHEREAS, It is a condition precedent to the execution and delivery of said contract that this bond shall be executed for the faithful performance thereof, and a strict compliance with each and all of the paragraphs of the specifications upon which said contract is based, and which is made a part thereof and a copy attached thereto; and

WHEREAS, It is agreed that the contract shall be included in and constitute a part of this bond as fully as though the same was set out in full in the body hereof.

AND IT IS HEREBY AGREED AS A PART HEREOF, That this contract shall not be assigned without the written approval and consent of the Mayor and Superintendent of Lamps and Lighting.

NOW, THE CONDITION OF THE OBLIGATION IS SUCH, That if the said The Consolidated Gas, Electric Light and Power Company shall comply, in all respects, with the terms of said contract, and shall defend, indemnify and save harmless the Mayor and City Council of Baltimore against any suit or suits, loss, damage or expense to which the said Mayor and City Council may be subjected by reason of any default or negligence, want of skill, or care on the part of the said The Consolidated Gas, Electric Light and Power Company, its agents or employees, in or about the performance and execution of said work, and shall

defend, indemnify and save harmless the Mayor and City Council of Baltimore against any claim, demand, loss, cost, expense or suit due to using any form of material, method of manufacture, machinery, process, composition or thing which is patented or claimed to be patented, then this obligation be null and void, otherwise to be and remain in full force and virtue in law.

Signed, sealed and delivered in the presence of

CONSOLIDATED GAS, ELECTRIC LIGHT AND POWER COMPANY,

WITNESSES:
WALLACE ROBB,
J. G. SCHNEPFE.

By ALTEN S. MILLER, *Vice-President*,
W. STUART SYMINGTON, *Secretary*.

FIDELITY AND DEPOSIT COMPANY OF MARYLAND,

By CHAS. R. MILLER,
Vice-President.

Witness as to surety:
J. CLIFTON HAHN,
GEO. D. HENRY.

ATTEST:
HARRY NICODEMUS,
Secretary.

Approved as to form and legal sufficiency:
W. CABELL BRUCE,
City Solicitor.

Approved:
E. CLAY TIMANUS,
Mayor.

NOTE.—It will be seen from the above that the contract awarded by the Board of Awards, March 15, 1905, to the Consolidated Gas, Electric Light and Power Company for furnishing and operating electric arc lamps for a term of five years, at a cost of $67.49 each lamp per year, as compared with the cost of $99.92 each lamp per year now being paid, will show a saving to the city of $32.43 each lamp per year, or in the aggregate, based upon 1,800 lamps now in service on the streets and in the parks and squares, an annual saving of $58,374, or, during the existence of the contract, a saving to the city of $291,870.

ANNUAL REPORT

——OF THE——

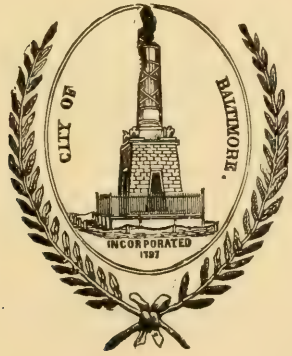
VISITORS TO THE CITY JAIL

——TO THE——

Mayor and City Council of Baltimore

——FOR THE——

FISCAL YEAR ENDING DECEMBER 31, 1904.



BALTIMORE, MD.
WM. J. C. DULANY COMPANY,
CITY PRINTERS.

1905.

OFFICERS

OF THE

BALTIMORE CITY JAIL

1904

BOARD OF VISITORS

LEIGH BONSAL — AUGUSTUS HAMPSON
H. J. McGRATH — GEORGE H. GIST
THOMAS FOLEY HISKY — WILLIAM T. CONN
J. TYLER GRAY — JOHN R. SHERWOOD
MOSES N. FRANK

PRESIDENT OF THE BOARD

LEIGH BONSAL

SECRETARY OF THE BOARD

AUGUSTUS HAMPSON

WARDEN

CHARLES A. HOOK

PHYSICIAN

GEORGE L. WILKINS

CLERK

HARRY C. MARTIN

STANDING COMMITTEES

ACCOUNTS

MOSES N. FRANK, Chairman
JOHN R. SHERWOOD — J. TYLER GRAY

SUPPLIES

THOMAS FOLEY HISKY, Chairman
LEIGH BONSAL — WILLIAM T. CONN

REPAIRS

H. J. McGRATH, Chairman
AUGUSTUS HAMPSON — GEORGE H. GIST

DISCIPLINE AND SANITATION

JOHN R. SHERWOOD, Chairman
LEIGH BONSAL — MOSES N. FRANK

COMMITTEE ON ANNEX

GEORGE H. GIST, Chairman
H. J. McGRATH — AUGUSTUS HAMPSON

BOARD'S REPORT.

To the Honorable the Mayor
and City Council of Baltimore City.

GENTLEMEN: We take pleasure in submitting, as required by law, an annual report of the Baltimore City Jail for the year ending December 31, 1904.

The discipline maintained amongst the prisoners by the Warden and his assistants during the past year has been unusually good. The Warden in his report points out the remarkable fact that not a single fight has occurred in a period of nine months in the new dining room, when formerly rows at meals were of frequent occurrence. This is due to the new system of seating rendered possible by the increased size of the dining room. The Warden is entitled to much credit for this improvement. The officers are instructed to treat the prisoners at all times kindly but firmly. The Warden personally takes a great interest in the prisoners, trying by his sympathy to bring to the surface whatever of good there may be in them. The religious services, on the whole, are well conducted, and often the preaching makes a visible impression upon the prisoners. They behave in a most reverent manner, and join heartily in the singing of the hymns.

With increased facilities for cooking in the kitchen, it has been possible to give somewhat better food and a greater variety. We desire to record the fact that hospital diets furnished from within the Jail during the past twelve months have cost exactly $187.32, whereas under the system abolished by us the former Warden was paid $1,500 for exactly the same diets furnished from his house. In our last report we called attention to the fact that the Jail had not been properly heated in the winter time. We are glad to say that the tem-

perature has been kept comfortable during the past year, but, of course, this has necessitated a much larger consumption of coal.

The Board appreciates highly the action of the Board of Estimates and of the Mayor and City Council in appropriating the money requested for the enlargement of the Women's Building and for some other necessary improvements. We hope that another year money may be appropriated for the long desired steel netting to be placed around the tiers to prevent accidents, suicides, etc., etc.

We transmit herewith the reports of Mr. Charles A. Hook, the Warden, and of Dr. George L. Wilkins, the Physician, which show how earnestly and carefully these officers are discharging their duties. We also commend the intelligent, faithful and cheerful services of Mr. Harry C. Martin, the Clerk, and Mr. James F. Macullar, the Deputy Warden, both of whom are in constant contact with the great body of prisoners.

Yours respectfully,

LEIGH BONSAL, *President.*
AUGUSTUS HAMPSON, *Secretary.*
H. J. McGRATH,
J. TYLER GRAY,
THOS. FOLEY HISKY,
WILLIAM T. CONN,
JOHN R. SHERWOOD,
GEORGE H. GIST,
MOSES N. FRANK.

WARDEN'S REPORT.

BALTIMORE, January 1, 1905.

To the Honorable the Board of Visitors to the City Jail.

GENTLEMEN: I herewith submit my annual report for the fiscal year ending December 31, 1904, in which I would first call your attention to the several changes and improvements made during the past year.

MESS HALL.

Upon recommendation made to your Honorable Board in my last annual report, the method of feeding the prisoners on tables in the basements of each section has been abandoned. Under the old system all the food had to be carried from the kitchen up the back side steps through the main hall into each section, then down another stairway. This of itself entailed considerable labor. Under the present system the food is carried directly from the kitchen into the mess room, only a few strides. The old store room being on a level with the basements of the four sections, and only separated by a brick wall, doorways were cut from each section, so that the prisoners can march directly from their respective sections to their meals. A cemented floor was put down, the necessary drainage provided for, and wash rooms fitted up with wash tanks, etc. This part of the work was done by the Inspector of Buildings. The scraping of walls, color washing, painting, electrical wiring and making of tables and benches was done with Jail labor. The change has more than filled our expectations in the way of enabling us to keep the basements clean, the saving of labor, and especially in the maintenance of discipline, as under the old system I am advised that a disturbance was of almost weekly occurrence, whereas since the change (March 26) we have not had one scrap during meals.

MAPS OF PREMISES.

I have had two complete maps made of the Jail premises, one showing all the water pipes and stops, with an explanatory description showing the effect of the different stops. This I found necessary, as in cases of breaks in pipes no one seemed to know anything about the system. Another drawing shows the entire premises, with all the outbuildings located in their relative position to each other. Both these drawings were made by one of our prisoners.

Among other improvements were the building of a small brick hose house, the removal of the old frame guard house at the back gate and the building of a new one of brick, located where the line of sight is less obstructed; the making and erection of twenty-four swinging beds at the Annex; the dayton wagon and the large van both thoroughly repaired; 300 feet of new standard fire hose purchased and on hand; the interior of the entire Jail, including the hospital, except the Warden's office and whitewashed surfaces, have been painted; in the Spring the mattresses were all renovated and new husks added; the steam box was changed to a more suitable location; the joints of the base course of granite masonry around the entire building were cleaned out and repointed; renewed all wiring for call bells; the steel bars partitioning the sections from the main hall have been coated with aluminum paint; this does away with the necessity of rubbing them daily with emery, at the same time removes the risk of accident to the men and boys who were required to scaffold daily that all parts could be reached. A wire netting was placed over the main hall doorway, with a combination lock for the door. This was done as an additional precaution against the possible escape of prisoners. The hall desk was moved from the center of the hall to the side, and so situated that the desk officer can have an unobstructed view of the entire hall. The fountain in the center of the hall was removed, because it was an obstruction to the line of sight. A small iron safe was purchased and

fitted up, where all the small firearms are now kept under a combination lock. The Broom Shop was lined with tarred paper, one-half of the expense being borne by the Board and the other half by the contractors.

The great fire of February 7-8 gave us great anxiety, in consequence of the fact that during the first day until evening the wind brought burning embers directly over the Jail, which fell for a short time as thick as snowflakes. The shingle roof over the Madison street wall caught fire, but was soon extinguished without damage. The roof of the Veneer Shop was patrolled until 2 o'clock Monday morning. As a precaution I borrowed 200 feet of hose from Warden Weyler, and kept the day officers on duty until all danger of the fire reaching us passed away.

It has been the custom to furnish all male prisoners serving one year or more with a suit of clothes at the expiration of their sentences. By your order female prisoners have been treated likewise. Ten suits have been furnished.

ATTEMPT TO ESCAPE JAIL AND ESCAPE.

On the night of August 22 Maggie Stokly, colored, committed for six months, escaped from the Warden's residence by scaling the picket fence. The girl was caught by the police and returned to the Jail on the morning of the 25th.

The attempt made by Rigor, Eaton and Brewer to escape Jail occurred on the morning of September 13 at 4.50 A.M., a complete account of which was given in my monthly report, dated October 1. This dastardly attempt had the effect of introducing additional safeguards, that the possibility of escape (if the officers perform their duty) is absolutely impossible.

The Phoenix Club, through Mr. Moses N. Frank, contributed to our library quite a number of magazines and other periodicals; also a large number of books were received from the Enoch Pratt Free Library for the same purpose.

WARDEN'S RESIDENCE.

The Inspector of Buildings has entirely renewed the steam pipes and radiators, and has erected a roof along the back building of the north wing of the Warden's residence, the object of the roof being to break and divert the easterly rain storms, thus preventing damage to the interior walls, etc.

MISCELLANEOUS.

The Inspector has kindly honored all reasonable requisitions made for materials used in making repairs.

In my report of September 1 I recommended the extension of the Annex, or Women's Department. I also called attention to the crowded condition of the main building, mentioning the fact that it could be extended on both ends; also the coating or rough casting of the rubble stone surface of the main building with a coat of Portland cement mortar, the object being to protect the walls and stop the leaks, which are now numerous, and still increasing. I further urged the importance of rewiring and refitting of all electrical connections, the present system, upon my request, having been examined by an electrical expert from the office of the Inspector of Buildings, and unqualifiedly condemned. I also called attention to the necessity of replacing the present ground-floor pavements with a pavement impervious to dampness; also the necessity of enclosing the tiers with a steel netting or bars, that the chance of suicide might be lessened, etc. This has been frequently recommended, and I thoroughly endorse it for the following reasons:

First, to prevent suicide by jumping off the tiers; second, as a protection to officers in the performance of their duties; third, as an additional precaution against escape; fourth, a great aid in maintaining order and discipline.

I further called attention to our lack of boiler capacity, and the bad condition of the brick walls encasing the boilers.

Among the foregoing recommendations I am advised that ap-

propriations have been provided in the tax levy of 1905 for the erection of additions to the Annex Building and the repavement of the basement floors. The electrical rewiring is now well under way, in connection with which the Inspector is going to place one new engine and dynamo. Considering the disastrous fire, consequently the tightened condition of the City's finances, etc., I think we have received reasonable consideration from the Board of Estimates and the Mayor and City Council.

DIETS.

We have endeavored during the past year to give the prisoners as much variation in their diets, especially their dinner, as our means would permit. During the vegetable season fresh tomatoes, string beans and other vegetables were frequently supplied when the prices were low enough to permit of their purchase.

RELIGIOUS SERVICES.

Religious services, conducted under the management of the Prisoners' Aid Society, are held every Sunday—Sunday-school in the morning and preaching in the afternoon. All the religious workers come voluntarily, regardless of weather, and spare no effort to instruct and impress the inmates in the higher ideals of life, and to aid them otherwise at the expiration of their sentences. Bibles and other reading matter are regularly given out to all prisoners.

Since my incumbency I have, in dealing with all the prisoners, endeavored to be just and fair in every single instance. All first slight offenders are lectured and reasoned with, giving them a second chance. Their good time, or part of it, when taken, is remitted where they merit it by making amends for failure to do their tasks, and I might say that everything is done to help the man or woman to see and understand that the right way to live is the best way.

During the summer months quite a number of young men and women have been committed for various slight offenses.

When the charges are light I have either looked up their parents or immediately called the attention of the Grand Jury to their cases. Other cases were paroled and committed to the care of the Prisoners' Aid Society and others. The Grand Juries and States Attorney's department of the past year have all been most active in considering and disposing of cases, and have by their prompt action kept our Court Section from becoming overcrowded.

PRISON CONGRESS.

His Excellency the Governor appointed me, as you know, a delegate to the Prison Congress, which convened at Quincy, Ill., October 15, 1904. All the members were cordially welcomed by the Governor, the Mayor and a committee representing the citizens of the town. Automobile rides and an excursion on the Mississippi river were provided for our entertainment, and every possible courtesy was shown to the members of the Congress. The proceedings were continued daily from the 10th until the 19th. They were of a most interesting and instructive character. There were 168 members present, consisting of prison wardens, members of boards of charity, chaplains, physicians and others, representing twenty-seven States, New Mexico, Canada, Japan and England. The object of the Prison Congress is to offer opportunities to the different prison managers and other interested persons throughout the country to meet and exchange ideas relative to criminal laws, methods of governing prisons, etc., all with a view of arriving at the best way to deal with criminals of all ages and stages. It was clearly evident that the speakers of the Congress favored the parole system and the indeterminate as well as the accumulative sentence, all of which commend themselves to me as being the nearest solution of one of the most perplexing questions of the times, namely: What is the best method of dealing with the young man, first or second offender? Should he be sentenced to a penal institution, there to labor a number of

years, almost entirely deprived of the privilege of speech, necessarily subjected to strict discipline, or should he be confined to a reformatory institution, graded, and there given an opportunity, by labor and good conduct, to merit a parole, then to be looked after for a specified time by parole officers until he can be reasonably and safely released? On the other hand, is the accumulative sentence—that is, where a man is apparently a confirmed criminal, cold, indifferent, without receptiveness, one who justifies himself in his trade, and is consequently a dangerous man to society, or a habitually disorderly person, so many of whom we have in our city. With such characters the Prison Congress endorses the accumulative sentence. In other words, to deal with criminals upon the same principle as the sick when sent to a hospital. When cured, release. If apparently beyond cure, hold, if necessary, during life. In conversation with members of the Congress I learned that in States where the indeterminate sentence was in effect that less than 20 per cent. of those paroled have violated their parole.

In the Baltimore City Jail one is brought face to face with all types of humanity, crime of every known description. In Section 1 all court prisoners are held; Section 2, all court-sentenced prisoners, ranging in term from fourteen years downward; Sections 3 and 4, peace cases—that is, those committed by magistrates from five years down to thirty days; Sections 5 and 6, the Women and Boys' Departments. Among the peace cases there are a number who come to Jail regularly. They spend their life between the Jail, the House of Correction and the Penitentiary. Most of this class are seriously diseased, many of which would have, in all probability, been dead had it not been for the three institutions mentioned. For this class I do not know of anything better than the accumulative sentence and work wherein they can earn their proportion of maintenance. The majority of this class, both male and female, care little about coming to Jail for a short time. They know

they will get the necessary comforts and medical attention free, and as to the stigma or disgrace of being in Jail, they care nothing about it. This class commences generally early in life, and become what we call regulars, who keep coming to their end.

There is embraced within the Jail enclosure about four acres of land, one and one-half of which is occupied by buildings. As you all know, the buildings are old, scattered about the premises without order, and now, whilst a flood tide of public spirit is on for public improvements, why cannot something be done in the way of providing for better facilities for the Jail; for instance, a modern system of buildings, necessary workshops, located and built in conjunction with the present main building, so that the heating and lighting plants can be operated at a minimum cost; also workshops provided with necessary conveniences to contractors, that they would be justified in paying better wages for the labor, and still for the better reason that the prisoners could be housed with reasonable comfort, as under the present conditions we are frequently compelled to place four men in a cell which was intended for two, and sometimes as many as five, and that during the summer months.

In concluding this report, I desire to thank the Board of Visitors for their kindness, courtesy and confidence; their readiness to aid me in determining doubtful questions; also for suggestions made at different times for the good of the institution. I further take pleasure in acknowledging the valuable assistance rendered by the efficient Deputy Warden, James F. Macullar; the Physician, Dr. George L. Wilkins; Mr. Harry C. Martin, the Clerk; the keepers and matrons, one and all of whom have been constant in their efforts to cheerfully discharge their entire duty in the positions to which they have been assigned.

Most respectfully submitted,

CHARLES A. HOOK, *Warden.*

EXHIBITS.

EXHIBIT A.

A Summary of the Appropriation for the Twelve Months Ending December 31, 1904. Also a Summary of the Revenues of the Jail and Their Disposition, and a Comparative Statement for the Years 1904, 1903, 1902, 1901, Showing the Daily and Yearly Per Capita Cost of Maintenance of Prisoners.

Appropriations.

Appropriations	
Salaries	$33,416 67
Expense	20,000 00
	$53,416 67

Expenditures—	
Salaries	$33,240 84
Expense—	
General Subsistence	14,007 78
Heating and Lighting	419 33
Machinery and Supplies	1,025 58
Clothing, etc	1,364 44
Sanitary	1,179 33
Hospital Drugs	393 06
Hospital Subsistence	169 51
Incidental Expenses	439 48
Warden's Subsistence	999 43
Balance Salaries Unexpended	175 83
Balance Expense Unexpended	2 06
	$53,416 67

EXHIBIT A—*Continued.*

REVENUES.

Amount paid to City Comptroller.....	$10,134 38		Outstanding Accounts, January 1, 1904....		$ 1,256 00
Outstanding Accounts.....	2,045 34		Earnings During Year—		
			*Wm. T. Kuhns.....	$3,405 08	
			United States Marshal.....	1,786 60	
			Maryland Broom Co.....	5,381 13	
			Counties for Board.....	271 50	
			Sale Junk.....	79 41	
					10,923 72
	$12,179 72				$12,179 72

*In addition to the revenue derived from the Maryland Veneer and Basket Company, viz., $3,405.08, the said company furnished 776 tons of bituminous coal, amounting to $2,650.25.

EXHIBIT A—*Concluded.*

	1904.		1903.		1902.		1901.	
	Yearly.	Daily.	Yearly.	Daily.	Yearly.	Daily.	Yearly.	Daily.
Salaries of officers (per capita cost maintenace)	$48.91	.1340	$49.90	.1367	$46.19	.1268	$49.201	.1348
Subsistence (per capita cost maintenance)	20.63	.0565	22.72	.0623	19.35	.0530	19.309	.0528
Heat and light (per capita cost maintenance	.6175	.0017	2.06	.0056	1.38	.0037	2.645	.0072
Machinery and repairs (per capita cost maintenance)	1.51	.0041	1.51	.0041	.19	.0005	.609	.0016
Clothing, dry goods and shoes (per capita cost maintenance)	2.01	.0054	1.86	.0051	1.53	.0042	2.451	.0067
Sanitary (per capita cost maintenance)	1.74	.0047	2.02	.0054	.94	.0026	2.477	.0067
Special diet for sick (per capita cost maintenance)	.25	.0007	2.12	.0058	2.16	.0060	2.436	.0064
Incidental expense (per capita cost maintenance)	.647	.0017	.98	.0027	.49	.0013	1.529	.0041
Hospital and drugs (per capita cost maintenance)	.58	.0016	1.15	.0031	.87	.0023	1.546	.0042
Warden's subsistence	1.47	.0043	.....	.....	1.26	.0034	.....	.....
Totals	$78.3645	.2147	$84.32	.2308	$74.36	.2038	$82.103	.2245

EXHIBIT B.

A Comparative Table of the Monthly and Yearly Averages of the Prisoners for 1898, 1899, 1900, 1901, 1902, 1903 and 1904, the Highest and Lowest Number During Each of These Years.

	1904	1903	1902	1901	1900	1899	1898
January	642	607	654	656	639	641	637
February	598	570	594	618	546	559	751
March	668	582	639	624	520	594	683
April	679	627	640	604	532	600	674
May	670	609	651	600	558	628	690
June	656	593	679	607	595	734	673
July	698	618	723	640	575	774	677
August	749	689	767	720	644	722	653
September	780	728	816	737	751	686	678
October	720	730	796	686	641	561	609
November	645	658	719	602	654	596	563
December	638	654	629	592	630	672	598
Yearly average	679	639	692	642	616	647	649
Highest number in Jail	819	831	857	779	805	827	738
Lowest number in Jail	541	533	565	536	481	522	526

EXHIBIT C.

BALTIMORE CITY JAIL.

ANNUAL REPORT OF ANNEX, 1904.

On Hand 1904.	Made.	On Hand.	Disbursed.	1905.
Overalls	850	109	889	70
Shirts	1,024	81	962	143
Sheets	584	124	652	56
Pillow Cases	801	43	768	76
Bed Covers	182	12	151	43
Dresses	154	45	199	.....
Towels	486	92	396	182
Bed Ticks	29	21	30	20
Pillow Ticks	.....	40	12	28
Miscellaneous	.....	.....	.....	120
Total	4,110	567	4,059	738

Washing and Repairing.

	Washed.	Repaired.
Overalls	24,440	11,023
Shirts	25,856	9,607
Sheets	33,493	3,610
Pillow Cases	33,720	3,185
Bed Covers	30,723	3,674
Dresses	6,069	1,117
Towels	8,684	.....
Miscellaneous	5,234	43
Bed Ticks	618	10
Pillow Ticks	22	.....
Aprons	626	34
Bed Spreads	804	19
Blankets	697	73
Coats	282	20
Caps	387	.....
Night Gowns	393	26
Totals	172,048	32,441

PHYSICIAN'S REPORT.

To the Honorable the Board of Visitors to the City Jail.

GENTLEMEN: I have the honor to submit the following report for the year ending December 31, 1904. A tabulated statement and summary of the work of this department is herewith submitted.

The total number of cases treated during the year was 9,744; the total number of prescriptions was 10,732, and the total number of special diets was 5,389.

There were nine deaths during the year, including two legal executions. Excluding the legal executions, there were seven deaths, or a death rate of .71 per 1,000 cases treated. Of the deaths occurring during the year one was the result of internal injuries from an accidental fall, one from valvular disease of the heart, and one from gangrene of the arm. The two last cases were brought to the Jail in practically a dying condition. This same experience occurs every year, and attention has been directed to it in previous annual reports. Only five deaths resulted from diseases and injuries originating in the Jail. Such cases only ought to be taken into consideration in weighing the influence of prison life on the health of the inmates. As an example of the gravity of some of the diseases treated, it may be stated that there were 526 cases of alcoholism and delirium tremens, 44 cases of pulmonary tuberculosis and 16 cases of pneumonia. During the year 59 cases of insanity were brought to the Jail, and in many of them the disease was of such a pronounced character that it ought to have been evident to the non-professional mind. There were 21 cases of opium and cocaine habits treated, but this does not by any means represent all the cases coming to the Jail, as the vast majority of cases of cocaine habit do not report for treatment, hence they do not get on the records.

The questions of diets, heating, ventilation and cleanliness have received due consideration, and I believe that the best has been done on these lines that could be accomplished with an antiquated, badly ventilated and overcrowded prison. If the movement now on foot for a greater Baltimore will bring with it a new and modern Jail building a great boon will have been conferred upon a large class of unfortunate humanity.

During the year two cases of small-pox developed in the Jail, but, thanks to a prior general vaccination of all the inmates of the Jail, we were saved from an epidemic of this disease, and the disease was limited to the original cases. For a period of five months all incoming prisoners were vaccinated, and the total number of vaccinations was 3,252.

Thanking the Board of Visitors, the Warden and other officers for their uniform kindness, assistance and constant co-operation, I am,

Very respectfully,

GEORGE L. WILKINS, *Physician.*

TABULATED STATEMENT AND SUMMARY OF THE WORK OF THE MEDICAL DEPARTMENT.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Abscess	9	6	7	6	3	6	14	7	16	4	6	14	98
Acne			1		1	1	1		2		1	14	31
Adenitis						1		2					3
Albuminaria			2	2									4
Alcoholism	4	3		11	11	16	13	18	18	52	28	38	212
Aortic Stenosis			1	1				1	2				5
Arterio Sclerosis							1						1
Asthma	2		1	1		1				2			7
Balanitis					2	3	1	1	2				9
Bite—Dog			1										1
Bite—Human			2	2	1	1	3						9
Bite—Insect						1							1
Bladder—Irritable					6	12	1	11	8	6	4	7	55
Bright's Disease		1						1		1			3
Bronchitis and Cough	123	158	150	136	97	58	72	77	128	132	122	100	1353
Bubo					2	5	3	1	1	6	3	8	9
Burn	2	4	2	6	2		1	3	2	2	5	8	37
Carbuncle	1												1
Catarrh—Nasal			2	2				3	3	1	2	3	16
Catarrh—Gastric												2	3
Catarrhal Jaundice										1			1
Cephalgia	5	11	1	20	29	24	23	37	41	28	26	42	297
Chancroid							2						2
Chapped Lips	4		3										7
Cocaine Habit		1							1				2
Colic—Intestinal	5	2	8	14	10	5	15	22	13	11	3	2	110
Colic—Uterine					2	1							3
Conjunctivitis	2	7	7	3	5	7	12	10	16	9	15	17	110
Constipation	53	65	62	84	106	107	115	104	106	114	76	115	1107
Contusions	10	4	2	1	12	13	8	3	15	5	9	12	104
Cornitis									1				1
Coryza	21	13	13	24	10	14	16	19	35	18	19	38	240
Debility—General		3	2	6	8	8	13	8	6	2			56
Delirium Tremens	7	21	39	24	30	18	7	20	12	21	19	26	314
Dermatitis	3		2										5
Diabetes								1					1
Diarrhœa	8	12	22	12	8	36	63	33	27	11	14	36	282
Diphtheria		1											1
Dysentery		3			7	9	15	11	16	1			62

SUMMARY OF THE MEDICAL DEPARTMENT—*Continued.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Dysmenorrhagia	1												1
Dyspepsia										3	2	4	9
Dyspnœa							1						1
Dysuria						5							5
Eczema	12	10	9	22	25	17	10	11	9	8	16	38	187
Emphysema Pul								1					1
Epidimitis								1					1
Epilepsy	2		3	2	3	4	7	1	10	4	2	6	44
Erysipelas	1		2	2	1				3		1	2	12
Fever—Intermittent	14	11	7	3	9	7	16	12	7	12	10	8	116
Fever—Remittent		8	8	4	6								26
Felon										1			1
Fistula in Ano		1	2										3
Frost Bite											1		1
Fracture										2			2
Gangrene												2	2
Gonorrhœa	9				18	13	14	17	19	38	13	18	159
Hæmorrhoids	5	2	10	11	8	8	2	5	6	5	2	1	65
Heart—Palpitation	1		4	4	1		1	1	3	1		2	18
" —Valvular Disease					1		2		2	3	1		9
Hæmorrhage		2				1	2		1		4	4	14
Hernia	1		2	1	1						1	5	11
Herpes Cir		1	1		3		3	2					10
Herpes Sim									7				7
Hydrocele					1		2		1				4
Hysteria						4	2	2	1				9
Indigestion	12	9	16	14	14	28	42	36	28	36	30	20	285
Insomnia	12	6			14	2	4	2	10	4	6	14	74
Irritable Bladder	8	5	10	6	1								30
Influenza		17	11		2								30
Insanity	3	4	5	4	3	9	5	9	4	4	3	6	59
Intestinal Hæmorrhage					1								1
Jaundice	1						1						2
Laryngitis	4	2	2	6	2	4	6	5	3	1	6	18	59
Lumbago	18	11	18	12	17	22	20	32	15	23	13	19	220
Leucorrhœa					1	3	2		3		2	3	14
La Grippe					2								2

SUMMARY OF THE MEDICAL DEPARTMENT—*Continued.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Malaria									3				3
Measles					1								1
Menorrhagia		1		2	3	2		1	2				11
Menses—Sup. of							2	1	2				5
Miscarriage										1	1	2	4
Myalgia	41	63	54	42	57	46	40	51	71	90	57	48	660
Mumps		1											1
Morphine Habit	5	2		1		1		5	3				17
Neuralgia	2	7	9	7	4	7	10	5	15	15	11	12	104
Neurasthenia					7	5	5	7	2	5		6	37
Necrosis						1						1	2
Otalgia					2								2
Onichia						1							1
Ozena						1							1
Opium Habit			2										2
Otitis	1	3	2	9	7	4		7	2	1	1	8	45
Orchitis	2	1	1	1	3	5	2	5	1		3	12	36
Ovaritis					1	4		2		5	5	6	23
Paralysis		1											1
Pediculosis Pubis		3	4	2	1	2	6	2	4	1			25
Periostitis		2				1		3					6
Pharyngitis		36	45	43	34	16	13	12	32	29	23	42	325
Phlegmon						1							1
Pneumonia			1	4			2			1	1	1	10
Pleurodymia				1	1	5	4	3	1	1	2	4	22
Pleuro-Pneumonia			6										6
Pleurisy					1	2							3
Pregnancy		1			1	1	1	3	2	4	1	2	16
Rheumatism	39	35	42	37	39	31	42	37	38	30	14	27	411
Rhus Poisoning					1					1			2
Rupture										4			4
Salpingitis						1							1
Scabies	2		4	2	2	9	2	4				1	26
Shingles									2				2
Small-Pox					1	1							2
Sprain	10	10	18	4	8	10	4	19	15	18	12	16	144
Stomatitis	4	6	5	6	6	3	5	3		7			45
Stricture					2		1			1			4
Stye			3	5	2	2	5	1	5	3			26

SUMMARY OF THE MEDICAL DEPARTMENT—*Continued.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Synovitis						3	2	2		2			9
Syphilis—Primary	14	8	30	24	7	9	14	17	19	20	13	19	194
Syphilis—Secondary	10	9	9	6	11	2	7	7	7	17	8	15	108
Tonsilitis	23	30	30	32	11	5	9	4	7	11	19	40	221
Tonsilitis Foll		3	1		3	2		3					12
Toothache	9	14	7	8	9	7	16	15	22	21	3	18	149
Tuberculosis—Gland	3	2	3	7	6	2	7	8	7	7	4	2	62
Tuberculosis—Pul.	4	5	4	4	8	6		2	5	2	2	2	44
Typhoid Fever								1					1
Ulcer					2	4	6	3	11	14	12	18	70
Ulcer of Cornea		1	3	1									5
Ulcer Varicose	4	4	3	3	3		2	2	1	3	4	8	37
Urine Suppression			2	2				6	2				12
Urticaria	4	9	5	10	14	4		12	22	3	1	15	109
Vaccination					11	13	5	5	1				35
Varicocele								1	1		1	4	7
Varicose Veins								1					1
Venereal Warts			2								1	1	4
Vertigo	17	7	8	10	22	17	23	30	26	15	12	26	213
Wen								1	1				2
Wounds—Punctured					1	5	4	6	12	2	8	8	46
Wounds—Contused	7		6								1	2	16
Wounds—Incised							1	6	13	8	9	12	49
Wounds—Infected	5	13	7	3	1	1		1	6	3	11	15	66
Wounds—Gunshot		1	1	1				2			1		6
Wounds—Lacerated	11	22	14	21	6	6	6	10	16	26	6	4	328
Wounds—Abraded					1	1	4	8	17	7	1	1	31
Totals	645	685	781	744	786	723	806	861	996	949	714	1056	9744
White Male	238	292	348	314	331	278	317	340	466	455	367	492	4238
White Female	20	32	21	22	21	29	41	25	9	27	24	15	286
Colored Male	283	264	315	310	316	293	337	343	374	334	193	397	3759
Colored Female	104	97	99	98	121	132	111	157	147	133	123	139	1461
Totals	645	685	783	744	780	732	806	865	996	949	707	1043	9744

SUMMARY OF THE MEDICAL DEPARTMENT—*Concluded.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Died		1	1	1		1	1		1	1	1	1	9
Cured	501	599	649	654	672	643	725	740	880	854	624	940	8481
Relieved	144	85	133	89	117	88	80	125	115	94	82	102	1254
Totals	645	685	783	744	789	732	806	865	996	949	707	1043	9744
Vaccinations				373	948	646	650	635					3252
Prescriptions	789	770	917	833	817	720	809	904	1061	1104	847	1161	10732
Special Diets	215	344	555	315	503	611	510	564	377	516	463	416	5389
Diseases	627	670	772	730	742	671	712	890	952	978	638	670	9052
Operations	4	6	4	6	1	3	7	8	8	6	3	7	63
Teeth Extracted	14	9	7	8	11	6	8	9	8	10	2	5	97
Wounds Dressed	54	41	36	35	28	34	40	46	43	22	32	52	463

TRANSFERRED TO BAYVIEW.

White—Male	7	
Colored—Male	14	
" Female	6	
		27

SENT TO QUARANTINE.

White—Male	1	
Colored—Male	1	
		2

SENT HOME.

Colored—Male	1	
" Female	1	
		2

TRANSFERRED TO ST. JOSEPH'S HOSPITAL.

White—Male 1

DIED.

February 14—William Hammond, colored, male, valvular disease of the heart.
March 11—Lawrence Hilton, colored, male, pleuro-pneumonia.
April 4—James Colston, white, male, secondary shock from internal injuries.
June 10—John Bender, colored, male, tuberculosis
July 29—James Cooper, colored, male, legal execution.
September 8—John B. King, white, male, acute tuberculosis.
October 14—Andrew Leonard, white, male, legal execution.
November 14—August Hebron, colored, male, pul-tuberculosis.
December 4—Jacob Bemther, white, male, gangrene of the arm, from embolism.

Respectfully submitted,

GEORGE L. WILKINS, M.D., *Physician.*

CITY OF BALTIMORE.
DEPARTMENT OF CHARITIES AND CORRECTIONS.

FIFTH ANNUAL REPORT

OF THE

SUB-DEPARTMENT OF

SUPERVISORS OF CITY CHARITIES

TO THE

Mayor and City Council of Baltimore

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1904

BALTIMORE, MD.
WM. J. C. DULANY COMPANY
CITY PRINTERS

1905.

SUPERVISORS OF CITY CHARITIES.

*JEFFREY R. BRACKETT, *President.*
JOHN M. GLENN, *President.*
MRS. JOHN J. ABEL,
JOHN BLACK,
HARRY T. MARSHALL, M.D.,
ALFRED S. NILES,
ELISHA H. PERKINS,
HENRY STEFFENS,
†MACTIER WARFIELD, M.D.,
CHARLES WEBER, JR.,
JAMES R. WHEELER.

*Mr. Brackett resigned in April, 1904. Mr. Glenn was then appointed President and Mr. Niles was appointed to fill the vacancy in the Board.

†Dr. Marshall was appointed in October, 1904, *vice* Dr. Warfield resigned.

The office of the Supervisors is on the first floor of the City Hall, by the Lexington street entrance.

Hours: On week days, 9 A.M. to 2 P.M.; on Saturdays, to 12 M.

REPORT.

BALTIMORE, December 31st, 1904.

To the Honorable the Mayor and City Council:

GENTLEMEN: The Supervisors of City Charities beg to submit their fifth annual report of the work for the year 1904.

During 1904 over 11,000 persons applied to this sub-department or were brought to its attention by others, beside persons treated by dispensaries. There were over 17,000 treatments given by the dispensaries; this number, however, includes many cases that received more than one treatment.

The aim of the Supervisors is to deal with each person sympathetically and thoroughly, and to give, as far as lies in their power, the treatment that will best suit his peculiar needs and restore him if possible to a condition of physical and moral health and independence. Careful investigation into the circumstances and history of applicants has revealed many opportunities for saving them from dependence and supplying forms of relief that are better and kinder than the resources of the Board permit. For instance, relatives may be found to take care of children or the aged; private agencies and individuals will often care for people in their own homes; means are discovered for keeping together families, which at first sight it may seem necessary to break up.* In such ways a clear knowledge of all the facts ascertainable leads to more satisfactory and humane treatment for the unfortunate, to the assumption of proper responsibility by those who ought to take care of them and to a saving in cost to the public. It permits us to help a large number of persons who have no other source of help. There are also cases of laziness, shiftlessness and

*See pages 18 and 23.

imposture disclosed by investigation, which need discipline and restraint such as we are not equipped to give. Such cases should not be sent to an institution whose aim is to care for the sick, infirm and aged. Nor should these last-named classes be forced to associate with those who are depraved.

During the five years since the creation of the Board of Supervisors we have been asked to take care of 1,719 children. For 898 of these more suitable sources of care were found. Parents and relatives have been found able to care for some, private charity has assumed responsibility for others. In many cases the benefit has extended to the home of the child as well as to the child itself, a new sense of parental responsibility having been aroused. The cost to the city of maintaining these 898 children in institutions would be nearly $70,000 a year, just double the present annual appropriation for this division of our work.

Another source of saving to the city and of benefit to the children is the plan of placing children in free private homes, generally in the country. Children are so placed by institutions which have been maintaining and educating them, with our advice and assistance. Our agents investigate carefully all homes that are offered and select only such as offer promise of giving good parental care and of developing a child's character. Church and public school privileges are insisted on. The homes are visited at least once every six months. We have now in private homes 132 children and are able to provide better care for the 540 children under our supervision than we could for 441 in 1900 without any increase in our appropriation. This is due partly to the placing-out and partly to the better standards adopted by the institutions, which have cordially co-operated with us and accepted suggested improvements in methods. And every child placed out makes room in an institution for one that needs institutional care.

Investigations for sources of aid for insane patients resulted in bringing into the city treasury nearly $12,000 from

relatives and friends who were able to contribute to their support.

The cost for 1904 of our city offices, through which our investigation is conducted, was $7,850. This was spent chiefly for salaries to well trained agents, whose duty it is to give sympathetic consideration to the needs of the poor and thoughtful study to the resources and opportunities for helping them in the best and most permanent way. The money so spent was much more than returned by the money received in cases of insane patients. So both the needy and the community have profited by the use of intelligent trained service.

Applications for transportation* to other cities and states were unusually large during the year. This was due chiefly to the fact that numbers of people came to Baltimore in the hope of finding work, and being unsuccessful were stranded here. Our transportation fund is used only for sending persons who are non-residents of Baltimore to other places where they have relatives or friends to take care of them or have definite promise of work; or for returning proper subjects for permanent charitable care to the community which they belong to and which should assume responsibility for them. For instance, insane patients have recently been sent to Philadelphia, Cleveland, North Carolina and Florida. In most cases little difficulty has been experienced in persuading other communities to assume their proper responsibility in such cases.

In January, 1904, a new medical agency was started in the Northwestern section, at the corner of Pennsylvania Avenue and Baker Street. It was felt that there was need for dispensary services in that part of town. As in the Southern Medical Agency, two physicians are employed, one a man and the other a woman. Men are treated by the former, women and children chiefly by the latter. These physicians are Henry M. Fitzhugh, M.D. (University of Maryland), and K. DeSales Kelly, M.D. (Woman's Medical College).

*See page 14.

Special emphasis is laid in these city medical dispensaries on treating only persons who can not pay for proper medical service and on visiting in their homes those who are not well enough to come out to the dispensary. The large proportion of visits to the homes by doctors as compared with visits of patients to the agency will be seen by reference to the statistics for the year.* In the houses with our two dispensaries are also offices of the Instructive Visiting Nurse Association, the Association for the Improvement of the Condition of the Poor and the Charity Organization Society; so that our physicians are in close touch with those who are most familiar with conditions in their respective districts and can materially assist them in many ways in the treatment of poor families. The medical agencies are reciprocally useful to these other agencies. Mutual co-operation adds considerably to the resources of all in giving beneficial and adequate treatment to the poor.

The Legislature of 1904 passed an act† which provides that after January 1, 1909, the State shall assume the care of all dependent insane patients. This act was passed at the instance of the State Lunacy Commission and meets with the hearty approval of all who wish to insure for the insane the best kind of treatment. There are throughout the State many cases of insanity which are kept in county almshouses under miserable conditions. The counties cannot provide the means to treat patients properly and provide for the cure of incipient cases. Neither should the insane be kept in the same institution with the sick and the infirm. They can be given better treatment at less expense in a state hospital than they can in any local hospital. We hope, therefore, to see within a few years the city's insane patients who are at Bayview transferred to the state hospitals. Our policy now is to transfer patients to those hospitals as rapidly as they can be accommodated there. Most of the transfers are made to the hospital at Springfield, which has been steadily increasing its buildings and its capacity to deal

*See page 29. †See page 81.

with more patients. There is especial need of accommodation for the colored insane. During 1904 the state hospital at Spring Grove received only 12 colored patients; November 1, 1904, only 63 were under treatment there. There is no provision for them at Springfield. This is a sad showing. It means that insane persons are being kept in dependence who might be cured and become self-supporting, that others are at large who are a menace to their neighbors, and that sane persons upon whom the immediate burden of caring for insane relatives falls are prevented from earning an independent living. The welfare of the community as well as charity towards the colored insane demands that our State should assume its proper responsibility for providing more humanely and adequately for this class. Virginia provides a special hospital for the colored insane at Petersburg, which is one of the best institutions in the United States. Other southern states have also realized the importance of this phase of the problem and equipped first-rate hospitals for the care of negroes. Our carelessness merely aggravates the difficulties of dealing with the pauper and negro question. Seventy-three colored patients were admitted during 1904 to the City Hospital for the Insane at Bayview; at the end of the year 169 were under treatment there. The latter number is more than can be given proper accommodation and treatment in the institution. The overcrowding will be somewhat relieved for a while by the use of rooms in the Annex Hospital from which tuberculosis patients have been transferred to the new City Tuberculosis Hospital.

There has been difficulty in securing a recognition of the proper function of Bayview as an infirmary and hospital. It is neither a reformatory nor a penal institution. It is intended for persons who are sick, infirm, or aged and unable either to support themselves or to find relatives or others willing to provide for their support. It is not intended for the able-bodied or for persons in need of reformation, nor is it a proper

place for tramps, vagrants or "drunks." It is not equipped to give such cases the restraint and discipline that is necessary to restore them permanently.

Commitment to Bayview will not help permanently persons who look upon Bayview as a comfortable temporary home during bad weather or while they are recovering from the effects of dissipation. Their presence is a source of discomfort to others, who have been obliged to seek the protection of Bayview by reason of misfortune only, and is subversive of discipline. The possibility of being received in our infirmary is a temptation to continue idle and dissipated.

Police justices have been in the habit of committing to Bayview persons who should be sent to the House of Correction, where they can be disciplined and made to work. The Act of 1902*, which prescribes the place and method of commitment, has been recently interpreted by Judge Stockbridge of the Supreme Bench of Baltimore City in passing on a writ of *habeas corpus* for the release of Amanda Orr. The decision is stated in the following letter:

*See page 77, section 868.

STATE'S ATTORNEY'S OFFICE—COURT HOUSE,

BALTIMORE, February 21, 1905.

To the Police Justices of Baltimore City.

DEAR SIRS—Allow me to call your attention to Section 868 of the City Charter, which provides for the commitment of *paupers*, *habitual beggars*, *vagrants* and *vagabonds*, lately construed by His Honor Judge Stockbridge in the Amanda Orr case.

Under the decision of His Honor Judge Stockbridge in that case, the magistrate committing under said section should always commit said paupers, habitual beggars, vagrants and vagabonds to the House of Correction, and *not* to Bayview, except in special cases provided for in said Section 868 of City Charter.

Before the magistrate can lawfully commit such pauper, etc., to the Almshonse (Bayview), it must positively appear that the person to be committed is not *able-bodied*, or is *aged*, or is *seriously crippled*, or *infirm*.

In case of any doubt on the part of the committing magistrate as to the physical condition of the party to be committed, the magistrate by a short detention of the pauper, etc., at the station-house, can easily satisfy himself as to the alleged infirmities of the pauper, vagrant, etc., by the examination of the pauper by a physican.

It is suggested that if this policy be pursued the State may be saved the trial of many habeas corpus cases and illegal commitments avoided.

If you will be so kind as to leave this letter on file in your office for the benefit of any magistrate sitting in your absence, you will greatly oblige Yours very truly,

ALBERT S. J. OWENS,
State's Attorney.

Amanda Orr is representative of a class of persons who cannot resist the temptation of liquor. She has been committed to Bayview and the House of Correction many times for drunkenness and disorderly conduct. The only remedy for this class is to be confined indefinitely until cured of their disease in some place where they can be held in restraint and given healthy work and proper treatment. Incurable cases should be confined for life. This method of treatment is the most humane for the victim of the drink or opium habit and discourages the intemperate use of liquor and drugs. It is also much the cheapest method for the public in the long run. We need legislation to provide for indeterminate commitments for such cases.

The erection and opening of the new hospital for the treatment of tuberculosis is a good step forward. It will provide proper accommodations for about 100 patients. Heretofore we have been able to take only a few patients and have had to put them in unsuitable and crowded rooms. There has been no chance to isolate the women patients. We can now keep this class of patients entirely separate from the rest of the institution and can give them an abundance of fresh air and sun light. The hospital is located on one of the most beautiful sites near Baltimore. There is an abundance of room around it for the erection of tents or other buildings as need may arise. We hope to be able to give the patients the best sort of treatment, and to receive and cure such as are curable. This will, however, require additional money in future years.

During the winter the increase in inmates has led to considerable overcrowding in the infirmary and hospital. Some of the inmates have had to sleep on mattresses laid on the floors of the halls of the infirmary. In view of the expected removal of all of the insane to state hospitals in a few years it does not seem advisable to put up additional buildings for the accommodation of the infirm. When the removal is made there will be accommodation for about 500 persons in the buildings now used for the insane.

The Supervisors expended during 1904 $377,325.74 as compared with $316,404.68 in 1900. The increase is due chiefly to a rapid increase in the number of insane patients who have to be cared for by the city, and to increased expense for provisions and for better service in the care of the sick and the insane at Bayview. At the end of 1900 we had under our care 1,071 insane patients. At the end of 1904 we had 1,293. At Bayview we are employing paid help as attendants for the insane instead of unpaid inmate help. In Bayview Hospital the grade of nurses has been raised. In the other departments of our work the increase in expense has been slight. The expenses of the State Hospital at Tewksbury, Massachusetts, one of the best managed institutions in the country, which receives the same classes of persons as are received at Bayview and had an average population of 1,491 as compared with 1,348 at Bayview, were for the last fiscal year $212,095 as against $130,731 spent for Bayview during 1904, or $142 against $97 per capita.

The following table shows the amounts appropriated by the Mayor and City Council for expenditures during 1904 by the Supervisors of City Charities, the amounts expended and the balance left in the city treasury:

1904.	Appropriation.	Expended.	Unexpended.
Bayview—Salaries	$ 29,075 00	$ 25,558 05	$ 3,516 95
Bayview—Expenses	86,701 00	86,697 02	3 98
Bayview—Improvements	18,476 00	18,476 00	.....
City Office—Salaries	7,229 17	6,898 92	330 25
City Office—Expenses	1,000 00	952 75	47 25
Temporary Care of Homeless Men	1,000 00	1,000 00	.....
Transportation	800 00	780 44	19 56
Hospitals	64,000 00	61,302 14	2,697 86
Dispensaries	9,200 00	8,035 00	1,165 00
Insane	139,000 00	138,347 52	652 48
Destitute and Neglected Children	35,000 00	29,277 90	5,722 10
	$391,481 17	$377,325 74	$14,155 43
Amount expended			$377,325 74

Amounts paid to city.			
Bayview: Sale of old material	$ 479 79		
From inmates	1,053 27		
		$ 1,533 06	
Reimbursements through city office:			
For transportation	$ 91 16		
For care of insane (net)	11,864 92		
		11,956 08	
			$ 13,489 14
Net cost of all departments			$363,836 60

We are much indebted to the clergy and laity of various churches for religious services and personal ministrations. Father Bernard Niehaus of the Roman Catholic Church celebrates mass every Sunday, and has responded to all calls night and day. Sisters of the Institute of Mission Helpers of the Sacred Heart and members of the St. Vincent de Paul Society visit patients every Sunday. A number of students from St. Mary's Seminary visit reguarly, and have provided several interesting entertainments. A number of Episcopal clergy, under the direction of Rev. W. C. Hensel, have held weekly services, and the Laymen's League, under the direction of Rev. Wm. Howard Falkner, is supplying lay readers for Sunday services. Work has been done among the patients by the clergy and laity of the Episcopal Church. Local preachers of the Methodist Episcopal Church hold two services every Sunday. Ladies representing the same church, the Independent Methodist Church and the Baptist Church have visited patients regularly. Representatives of the International Colored King's Daughters have visited members of their race.

In May, 1904, Mr. Louis F. Zinkhan tendered his resignation as superintendent of Bayview. He had been offered and accepted a position as superintendent of the almshouse of the District of Columbia. Mr. Zinkhan was appointed superintendent in 1897 by the Board of Trustees appointed under Mayor Hooper. He had done faithful and efficient work, and is responsible for many improvements in the management of

our institution. It was with regret that the Board were forced to sever their pleasant relations with him. They were fortunate, however, in being able to find a competent successor on the spot. Mr. Lamar Hollyday, who had been purveyor in the institution for some time, was immediately promoted to the position of superintendent. Later, Mr. Dawson E. Hammond, who had been a clerk at Bayview for many years, was promoted to the purveyorship.

The personnel of the Board has undergone several changes. Dr. Jeffrey R. Brackett who had served the city as a Trustee of the Poor from 1896 to 1898, and became in 1900 the first president of the Board of Supervisors of City Charities created by the new City Charter, was called to take charge of the School for Social Workers inaugurated by Simmons College and Harvard University in Boston. While the members of our Board were glad to see this honor tendered to their fellow worker, and appreciated it as a compliment to Baltimore as well as to Dr. Brackett, they felt a deep sense of personal loss and realized that the community had suffered severely through Dr. Brackett's departure. Dr. Brackett resigned his membership in the Board in April, 1904. The Mayor then appointed Mr. John M. Glenn as president of the Board, and Mr. Alfred S. Niles to fill the vacancy in its membership. In October, 1904, Dr. Mactier Warfield resigned his membership in the Board because his professional duties prevented his giving the proper time to our work. In his place the Mayor appointed Dr. Harry T. Marshall.

JOHN M. GLENN, *President.*
MRS. JOHN J. ABEL,
JOHN BLACK,
HARRY T. MARSHALL, M.D.,
ALFRED S. NILES,
ELISHA H. PERKINS,
HENRY STEFFENS,
CHARLES WEBER, JR.,
JAMES R. WHEELER.

Report of Nathaniel G. Grasty, Secretary.

TRANSPORTATION OF THE DESTITUTE.

1904.

DISPOSITION OF APPLICATIONS.

Refused by us for cause	156
Would not allow investigation to be made	64
Did not return after satisfactory investigation	10
Died pending transportation	2
Had money to pay fare	8
Full fare sent by friends	15
Half fare sent by friends	9
Referred to Charity Organization Society	33
Referred to Hebrew Benevolent Society	16
Referred to Commissioner of Immigration	14
Refused to go home after satisfactory investigation	2
Transported after satisfactory investigation	160
Pending investigation, carried over into 1905	10
Total	499

Expenditures—			
Fares	$770 30	Appropriation	$800 00
Sundries	10 14	Expended	780 44
	$780 44	Balance	$ 19 56
Repaid city by beneficiaries, friends, etc.	91 16		
Net cost	$689 28		

During the past year, the fire has brought to our city many strangers. Some have come through curiosity, some possibly for plunder, and a great many in search of work. Of the latter, we are constrained to report that the majority are not to be depended on. Every few days we find in the hospitals men claiming to be skilled mechanics, bricklayers and the like, the latter easily able to get employment at $5 to $5.50 per day,

working for a day or so towards the end of the week, drawing what is coming to them, picked up on the street by the police in every stage of alcoholism, hurried into the hospitals to be straightened out, and subsequently applying to us for transportation to former homes. Not a few strangers have met with accidents in the new district through carelessness or inability to do tasks assigned. No one being specially responsible in such cases, it has devolved on the city to care for the unfortunates. Very little has been expended for transportation in such cases.

Typical Cases.

Investigation reclaims a wandering woman and child.

In March last a woman with a little boy applied to us for aid to return to New England. She had reached Baltimore only a few hours before, her statement being that she had been persuaded by a friend to come here where she could "get along finely." "Getting along" evidently meant that with the aid of the child—a bright, beautiful boy of six years, who had been successfully drilled in the part he was playing in the scheme—she could work upon the sympathies of the public and obtain all she wanted. She acknowledged that she had lived such a life for years and that she never wanted for money before. She seemed to have struck her first snag upon reaching our city, being warned by the police and directed by them to this office. The boy informed us that if we did not do something for them very quickly he would fall unconscious on the floor. He said over and over again that he was so nervous that he would be ill with all this trouble. After much thought and deliberation it was determined to resort to radical measures to save the child. The woman was taken before a magistrate and committed to Bayview, the child being sent with her. We hoped by this means to gain time and force from the woman some clue to her history whereby we might be able to locate her home or family, and have the child placed under proper care. After being locked up she stated she had been in a county home in Massachusetts during 1903. We immediately communicated with the superintendent of the place named and found this part of her story true. She had run away from the institution and subsequently fallen heir to quite a large sum of money, but her whereabouts had not been discovered until the receipt of our letter. The superintendent gave us the name and address of the executrix, a cousin of the woman. We commu-

nicated with the latter and she responded in person, desiring to identify beyond doubt. The woman was represented as being of gentle and refined parentage, but a wayward daughter, having run off with a circus employee and given birth to the child. She had pursued her roving life for years, latterly taking an assumed name lest she might be separated from the child. We were told that the legacy was sufficient to keep her and the child in most comfortable circumstances, if properly managed. The mother and child were taken back to Massachusetts by the executrix.

Brother and sister reunited.

During last winter a young man entered one of our hospitals suffering from pneumonia. For weeks he hovered between life and death, but was finally gotten on his feet, when it was found he had developed tuberculosis. He stated he was from Centralia, Washington, and asked our hospital visitor if something could not be done to get him home. We entered into correspondence with his sister, who wrote stating that their father had gone to Arizona, and the boy had better go to him. She said that she would immediately communicate with her father aud send our letter to him. Instead of writing to us the father wrote to his son, and told him to go to a certain fraternal order of which he was a member, and ask for their assistance. The boy expressed great sorrow that his father was associated with the order mentioned, declaring it was composed almost entirely of drunkards and gamblers, and that he would rather walk every step of the way than ask any favors from them. He evidently thought his father had fallen very low. A second letter was sent to the sister, who replied that she was working unceasingly for her own support, but if he could secure a reduced rate she would willingly help her brother to reach her. In the meantime letters were passing between brother and sister of a most refined and affectionate character. Finally a satisfactory rate was secured, the sister sending a check to cover fare and incidental expenses, and the youth started on his way rejoicing.

Relatives willing to help, transportation declined.

In September last a man, with wife and child, applied to us for aid. They had reached Baltimore from Port Deposit, Md., where they had been detained at quarantine for several days. A physician from our Health Department had been despatched a few days before to examine the child as a suspected case of small-pox. This fear proved groundless and the trio were permitted to resume their journey. The man said they were on their way back to their Western home, which they were trying to reach on foot. The family had left their home and

come East, hoping the man would have better health. Upon reaching Baltimore, after their tramp from quarantine, it was found that mother and child were both ill, and it was necessary to place them in a hospital for treatment. The man said he would look out for himself, although he was not well. It was found that the whole family were suffering from hereditary trouble. We entered into correspondence with relatives in their former home, who promptly forwarded money for transportation for woman and child, declining to assist the man in any way. In the meantime the man had secured employment, and the wife upon leaving the hospital declined to leave her husband. The check received was returned to the sender, the family remaining in the city and providing for themselves.

DESTITUTE AND NEGLECTED CHILDREN.

T. James Hunter, visitor-in-chief, reports as follows:

During the year ending December 31st, 1904, 218 applications were made to have 335 children placed in institutions or otherwise cared for. A number of applications came to us for aid in which the children were not primarily involved, and were at once referred to the proper agencies for relief. These, of course, are not included in this report. The recorded applications were disposed of as follows:

	White	Colored	Total
Referred to private charity, with the hope of keeping the family together or of the family paying board for the children	94	38	132
Referred to private charity to place in good country homes	12	.....	12
Parents or relatives found able and willing to care for	60	24	84
Died before disposition could be made of	2	.....	2
	168	62	230
Placed in institutions as follows, to become city charges:			
St. Vincent's Infant Asylum	20	.....	20
Nursery and Child's Hospital	21	.....	21
St. Elizabeth's Home for Colored Children	.....	27	27
St. Mary's Home for Colored Boys	.....	2	2
Maryland Home for Friendless colored Children	.....	6	6
Home of the Friendless	8	.....	8
St. Vincent's Male Orphan Asylum	7	.....	7
St. Mary's Female Orphan Asylum	14	.....	14
Total	238	97	335

Of the above, 16 were abandoned, 11 white and 5 colored, of whom 11 were foundlings, 8 white and 3 colored; 94 were illegitimate children, 41 white and 53 colored.

We were summoned by the magistrate for juvenile causes to appear in 45 cases involving 95 children, 64 white and 31 colored. Parents were allowed to retain 19 of these children, 1 was committed to a reformatory, 75 were committed as

neglected children to institutions, 64 to become city charges and 11 to be maintained without expense to the city.

Five white children were brought before the court on writs of habeas corpus at the instance of parents whom we thought to be unsuitable for the care of their children. All of these children were remanded to the institution.

As heretofore, we have endeavored to keep in touch with the known parents and relatives of children under our supervision, and requests have come from many of these to have the children returned to their care. After making careful inquiry and visiting the homes, 37 children, 31 white and 6 colored, were so returned.

153 free private homes were offered us during the year. Several were withdrawn after learning the conditions attached to placing children. Some were refused as unsuitable. For a number we had no children of the age required. 54 were accepted after visitation and careful inquiry by correspondence and interviews with pastors, physicians and many others. 54 of the children, 45 white and 9 colored, were placed in these homes, as we felt they would receive kind and considerate home training, schooling and care. These 54 children were selected either from those who have no parents or relatives, or from those whose parents or relatives offer little or no hope of ever being able or willing to care for them properly.

	Prior to 1904.		During 1904.	
	White	Colored	White	Colored
Children placed in free private homes	90	26	45	9
The following changes have occurred among the above children during 1904:				
Returned — Children unsuited to homes	11	2	8	2
Returned—Homes unsuitable	3	1	.....	1
Returned—Habeas corpus	1	.....	.....	.....
Transferred to relative	1	.....	.....	.....
Transferred to reformatory	.....	1	.....	.....
	16	4	8	3
Of age, but still in homes	5	2	.....	.....

4 foundlings, 3 white and 1 colored, were placed in boarding homes to be nursed at the breast by women whose babies had just died. This was done in co-operation with the institutions which receive infants for the city. These children were received in the institutions in bad condition. 2 of them died shortly after being placed. One was returned to the institution by the boarding home and died before another boarding home could be secured; and 1, a colored foundling, boarded last April, is still living and in splendid condition. There has been considerable difficulty in securing these homes, as frequently either the husband or the wife objects to a strange child taking the place of their own child which has just died, on the ground that they would be constantly reminded of their loss by the presence of the little stranger. Most of the foundlings died before homes could be provided.

The number of deaths among children in the institutions as city charges has been as follows:

	White.	Colored.	Total.
St. Vincent's Infant Asylum	6	.....	6
Nursery and Child's Hospital	3	.....	3
St. Elizabeth's Home	.....	17	17
	9	17	26

20 of these were under one year, 9 being foundlings.

4 were between 1 and 2 years of age.

1 was between 3 and 4 years of age.

1 was between 11 and 12 years of age.

The following table shows the death rate of city charges under 2 years of age:

	Received Under 2 Years of Age.			Died.		
	Foundlings.	Others.	Total.	Foundlings	Others.	Total.
St. Vincent's Infant Asylum	5	3	8	5	.....	5
Nursery and Child's Hospital ...	2	13	15	1	1	2
St. Elizabeth's Home	3	15	18	2	11	13
Total	10	31	41	8	12	20

10 of our charges, 7 white and 3 colored, reached the age limit, and their names have been removed from our list. 3 of these, 2 white and 1 colored, are in institutions; and 7, 5 white and 2 colored, are with good private families.

2 colored children were transferred to reformatories, as they had become incorrigible, 1 from St. Elizabeth's Home to the House of the Good Shepherd for Colored Girls, and 1 from a free private home to the House of Reformation for Colored Boys.

8 children, 7 white and 1 colored, were transferred as follows: 2 to the Hebrew Orphan Asylum, 1 to St. Anthony's German Orphan Asylum, 1 to the Boys' Home Society, 1 to St. Rose Industrial School of Washington, D. C., 2 to St. James Home and 1 to the Johns Hopkins Colored Orphan Asylum.

These institutions offered very kindly to care for these children without cost to the city. The Henry Watson Children's Aid Society has also received several children by commitment through the Juvenile Court which otherwise would have become wards of the city.

2869 visits were made in order to make careful inquiry into the circumstances and needs of 516 children. This includes visits made to free private homes where children have been placed, and to boarding homes where infants have been nursed.

The children who are under the supervision of the Supervisors of City Charities are distributed as follows:

WITH PAYMENT OF BOARD.	White	Colored	Total	Rate of payment per day.
In St. Vicent's Infant Asylum	82			20c.
" Nursery and Child's Hospital	44			20c.
" St Elizabeth's Home		50		20c.
" St. Mary's Home		15		20c.
" Maryland Home for Friendless Colored Children		16		20c.
" Home of the Friendless	24			20c.
" St. Vincent's Male Orphan Asylum	20			22c.
" St. Mary's Female Orphan Asylum.	102			24c.
" St. Joseph's House of Industry	15			24c.
	287	81	368	
In private homes	2	1	3	40c.
	289	82	371	
WITHOUT PAYMENT OF BOARD.				
In institutions	31	6	37	
" private homes	106	26	132	
Total number of children under care and supervision	426	114	540	

In all the destitute children's cases we have endeavored by thorough inquiry to learn first the real needs in each case, and then to discover all the resources that could be drawn upon to meet these needs.

Typical Cases.

Relatives found to care for illegitimate child.

A young woman applied directly to an institution to care for her child, stating that she had no friends and no home and must go to a lying-in hospital at once. The child was received and the institution requested the Supervisors of City Charities to assume it as a city charge. In our inquiries we learned that the child had a father and other relatives living in Philadelphia, who were able and willing to care for it. The child was returned to them.

A mother induced to re-assume responsibility.

Six years ago three children were committed to an institution at the request of the mother. One of them died. When the Supervisors of City Charities assumed charge of the two remaining children nothing could be learned of the whereabouts of the parents or relatives. Steps were then taken to place them in good free private homes in the country. The children were then questioned as to whether any one visited them and it was learned that their mother visited them occasionally, but left no address. At her next visit the possibility that the boys might be placed-out was made known to her. Immediately she told her residence and it was learned she was well able and willing to care for the children. As she was a proper person the children were returned to her.

Mother and children kept together.

A mother applied to have her three children placed in an institution, stating that she could not care for them. In visiting and making further inquiries among the relatives it was learned that a brother-in-law with whom the mother and children lived drank at times. Because of this the mother had quarreled with him and in a fit of anger threatened to leave his home, and put the children in an institution. The relatives strongly objected to the children being cared for by any one but the mother and relatives,. Between them the matter was settled, and the children and the mother kept together.

Relatives reconciled.

Request was made to have two children placed in an institution because the mother was sick, needed hospital treatment, and was unable to care for them. The person making the request had worked with the case, and stated there were no relatives or friends who could offer any assistance. In questioning the mother it was learned that she was at odds with all her relatives, and had isolated herself from

them. She refused at first to give their names or addresses, but finally did so. The relatives were seen and were willing and anxious to care for her and the children; they had tried to find her, but without success. She was induced to go with them to receive proper medical attention and to have the children cared for.

An infant saved.

An illegitimate female child, in an emaciated condition, was placed in an institution when about three weeks old, as her mother was incapable of ever caring for her. A few days later a boarding home was found where she was nursed at the breast. She began to improve immediately and became an attractive child. When one year old an excellent home was found for her with a man and his wife who were childless, and she has been adopted as an own child.

Unsuitable houses.

A free private home was offered for a white boy six to eight years old. The home was visited and found to be comfortable, the farm well stocked and in excellent condition. The parties were said to be quiet, respectable people, but close and hard working early and late, and did not take either daily or weekly papers. The neighbors felt that little or no personal interest would be taken in the boy, and that he was wanted only for the work that he could do. The home was refused.

Mr. and Mrs. X had no children and offered a home to a four-year-old girl. Their reference letters were favorable. They owned their home, which was visited and found to be well furnished and in a good neighborhood and accessible to school and church. Further inquiry showed that the woman was very quick tempered, vindictive and very coarse and vulgar in language and manner. The application was refused as it was felt there would be nothing helpful to the child's development. The home was refused.

A backward boy developed.

F was placed in an institution, as his mother was dead and his father and relatives unfit to care for him. He remained in the institution about eighteen months, but made no progress at school and was classed as feeble-minded. A good free private home was then found for him. The members of the household became very much interested in him. He was entered at school November, 1903, not knowing the alphabet, though eleven years of age. Fortunately he had an excellent teacher, and is now in the third grade, due no doubt to the work of this teacher and the assistance received in his studies at home. The boy is happy n his surroundings and is treated as a member of the family.

Two homes contrasted.

G., a boy ten years of age, had been placed with a farmer of good standing and comfortable surroundings. Frequent complaints were made to our visitor that the boy was untruthful, profane and dull. He was found to be poorly clad, was careless and slovenly in his habits and had a cringing manner. The visitor felt that he was deteriorating, probably from lack of personal interest to stimulate him. One year ago he was transferred to another home and the visitor reports a decided improvement. He is doing well at school and with his home duties. He is well clothed and looks and acts like a different boy. A strong personal interest was taken in him from the start, and he has been made to feel that he is a part of the home.

THE SICK IN HOSPITALS AND DISPENSARIES OTHER THAN BAYVIEW.

During the past year, owing to the fact that our City is not equipped with a hospital for infectious and contagious diseases, we were compelled to make some provision for a few cases of this character. The cases were not numerous, but at intervals we were confronted with the problem of caring for cases of diphtheria, scarlet fever and aggravated cases of erysipelas. All patients handled were absolutely on the street without any place of shelter; the city Health Department was powerless to do anything, and we, as the custodians of city charges, were forced to assume the responsibility. After much trouble, we succeeded in entering into a contract with one of our hospitals, which consented to receive such cases at a greatly advanced charge. This was arranged and we thus secured shelter and treatment for the class described. 13 cases were cared for in this way, 8 of diphtheria, 4 of erysipelas and 1 of scarlet fever. The total number of hospital days used was 208 at a cost of $297.14.

The hospital with which we contracted for this class of patients during 1904 declined to renew its contract on account of proposed changes in its work. A contract has been made with another hospital for 1905.

Typical Cases.

A sick baby.

In September we were requested through our children's department, to place a baby several months old in a hospital. The child was wasted to a shadow, and was found to be nearly starved to death. The child was an illegitimate one, and like many others of its kind, it was nearly dead from mal-nutrition. After remaining in the hospital for several weeks and showing very plainly he was gaining flesh steadily, the mother complained to a policeman that the baby was being ill-treated and not given sufficient food. The officer promptly reported the mother's statement to us, and a rigid investigation was instituted. The mother was proved to be somewhat unreliable, and her charges were found to be utterly without foundation. On the contrary the child was in a fair way to be completely spoiled by the constant attention he was receiving. The doctor in whose care the little one was specially stated that it would be absolutely necessary that the child should remain in the hospital for six months, declaring that all the good done would easily slip away if he was returned to old conditions within the period mentioned At this writing the baby seems in excellent health, and as he sits in his "baby jumper," which has been provided by a sympathizing visitor, he is as happy as a king, and is literally "monarch of all he surveys," every ambulant patient in the hospital being a devoted and willing subject.

Aid from a relative.

During the latter part of the winter an aged man, destitute and in broken health, applied to us for admission to Bayview Hospital. He had been employed in a hostelry in this city, which was condemned by the Building Inspector. Owing to tubercular condition the man was unable to procure another position, and in his extremity applied to us as the last resource. He had wandered away from home many years ago, but spoke of a brother he had left in Montreal. We followed up this clue, admitting him in the meantime to Bayview. A letter was sent to Canada, and in a very short time a reply reached us, enclosing check for the present need, asking us to secure, if possible, a permanent shelter for the brother, and promising to supply whatever might be necessary for his comfort, and expressing willingness to pay such board as might be reasonable. This brother proved to be a man of position, connected with one of the leading insurance companies of British America, and deeply interested in the welfare of his unfortunate kinsman. Board was secured for the man in the Hospital for

Consumptives near Towson, and he was transferred from Bayview to that institution. He is deeply grateful for being so comfortably provided for, and is happy and contented.

A State patient.

In February last, a woman applied to us for hospital care, who had come directly from Baltimore County, expecting to be taken care of. The woman was suffering with a loathsome disease. We advised that she return to her home in the county, seek her county commissioner, and obtain relief through him, as she was clearly a state patient, if hospital care was needed. Instead of following our instructions she sought a "Home for Fallen Women," and was referred back to this office by those interested in the work, with a written request that we place the young woman in Bayview, stating that when relieved of the malady from which she was suffering they would be glad to receive her and work for her reformation. It was explained to the officials of the institution that if we should undertake the care of all unfortunates who apply to us from the several counties, those who have a right to look to us in time of need would soon be crowded out.

Contagious disease.

During the latter part of August, our attention was called to a family consisting of mother and four children. The mother had typhoid fever, and tuberculosis was suspected. The little ones, the eldest about six years old, all had whooping cough. What to do with the family seemed a problem not easy to be solved. We appealed to nearly every hospital with which we contract, but in every case we were refused. The hospital which had treated our isolated patients during the year was unable to take the children, as all space was filled with other cases of a different character. At last, Sister Zita of the St. Joseph's Hospital was touched by our appeal, and through courtesy on their part the Sisters consented to take the family, and provided them with accomodations in private apartments at our ordinary hospital rates. After entering the hospital the children all developed typhoid in addition to whooping cough, and the sisters had their hands full. At this writing three of the children have recovered, and with their mother have left the hospital. The fourth child has gotten over whooping cough, but is still sick from typhoid, though in an improved condition. The mother is probably tuberculous and will eventually have to be removed to our hospital for consumptives. The little ones will then come under the care of our children's department.

CITY PATIENTS IN HOSPITALS DURING 1904.

HOSPITALS.	Patients in beds* 50c. per day.	Hospital Days.	Out-Patients† 50c. each.	Payments.
City	1,445	32,758	1,200	$ 17,276 14
University of Maryland	983	20,130	700	10,415 00
Maryland General	861	20,862	700	10,781 00
St. Joseph's	857	18,043	348	9,195 50
Homeopathic	351	8,070	329	4,199 50
St. Agnes'	204	8,454		4,227 00
Crippled Children	41	6,756		3,378 00
Consumptive	33	3,660		1,830 00
Totals	4,775	118,733	3,277	$ 61,302 14

NUMBER OF PATIENTS BY MONTHS.

MONTH.	Indoor.‡	Out-Patients	MONTH.	Indoor.	Out-Patients
January	837	288	July	652	382
February	784	278	August	706	278
March	785	315	September	670	287
April	700	309	October	709	184
May	683	334	November	695	146
June	639	322	December	654	154

Appropriation		$64,000 00
Expended for indoor patients	$59,366 50	
Expended for out-patients	1,638 50	
Expended for isolated patients	297 14	61,302 14
Balance unexpended		$2,697 86

*Ordinarily indoor patients are carried from one day to three months. In exceptional cases it is necessary to carry patients a much longer time. In the hospitals where special treatment only is given, a time limit cannot be prescribed.

†Only one day is allowed for each out-patient. Out-patients are not ordinary dispensary cases, but emergency cases which do not require hospital treatment. They are usually brought in by the police out of dispensary hours.

‡A number of indoor patients remain over in hospitals from one month to another, and so are recounted in successive months.

DISPENSARY TREATMENT DURING 1904.

DISPENSARY.	Treatments at Dispensary 25c. Each.	Visits to Homes 35c. Each.	Special Examinations 50c. Each.	Prescriptions 15c. Each.	Payments.
Eastern	3,200	496	400	122	$1,191 90
Northeastern	3,200	1,000	400	500	1,425 00
Baltimore General	3,200	1,357	143	173	1,372 40
Woman's Medical College	2,368	861	299	50	1,050 35
Baltimore Eye, Ear and Throat	2,800				700 00
City Medical Agencies.					
Northwestern	1,335	763		46	1,096 90
Southern	1,265	1,380		60	1,198 45
	17,368	5,857	1,242	951	$8,035 00
Unexpended balance of appropriation					1,165 00
					$9,200 00

EXPENSES OF CITY MEDICAL AGENCIES.

	Northwestern.	Southern.	
For salaries	$828 52	$862 38	
For rent	115 00	174 00	
For car fare	22 50	22 50	
For drugs	46 32	91 62	
For equipment	84 56	47 95	
	$1,096 90	$1,198 45	$2,295 35

THE INSANE.

The increased demand for the care of the insane is a problem facing all the states throughout the country. The Supervisors of City Charities are confronted with the same serious conditions. The insane department at Bayview already has about its normal capacity. Spring Grove, Springfield and Mt. Hope can accommodate less than a dozen more. So that for the accommodation of future patients it will be necessary to depend on beds made vacant in those hospitals by deaths or cures. The institutions should not be crowded beyond their capacity if the best results are to be obtained.

One reason for this unhappy condition of affairs is that people have not the same dread of an insane asylum that they formerly had, because of the greater number of cures. Persons are now sent to the asylums because they receive much better treatment than formerly. The insane are dealt with more humanely and are carefully housed. As a result they live longer, the percentage of cures is greater and the relatives of the insane have greater confidence in the institutions. Again, the definition of the word "insane" is much broader than it was formerly. Insanity is now generally recognized as a physical disease rather than a family disgrace. Mental strain and heredity are also among the causes of the increase in insanity. Each generation increases the number of the insane because unstable persons are not able to stand the strain that is put upon them.

Under the provision of the very wise act* of the last legislature the State proposes to begin to take care of the insane in Maryland after January 1st, 1909. Preparations will gradually be made for the care of these unfortunates at that time and the task continued until all the insane are under state care.

The appropriation to the Supervisors of City Charities for the care of the insane in 1904 was $139,000. This amount will not be sufficient next year because a new cottage being erected at Springfield will, it is hoped, be completed by June. This will

*See page 81.

accommodate 50 more patients, relieving the anticipated overcrowding at Bayview.

The institutions other than Bayview now used by the city for the insane, and the maximum daily average number of patients allowed by the contracts, are: Springfield, 430; Spring Grove, 248; Mt. Hope, 248.

Detailed reports of the number of city patients received, discharged, paroled and dead are received weekly from these institutions.

During 1904 inquiries were made at the office looking to the care of 542 insane persons. In many cases nothing further was heard of them. In some cases friends were able to have the patients cared for entirely at their own expense. 335 persons were sent to the following hospitals as city charges, wholly or in part:

	White	Colored	Male	Female	Total
City Reception Hospital, Bayview	104	71	99	76	175
Spring Grove	31	1	16	16	32
Mt. Hope	30		12	18	30
Springfield	98		59	39	98
Total	263	72	186	149	335

December 31, 1904, the number of city patients was:

In Mount Hope	246	
In Spring Grove	248	
In Springfield	440	
		934
In City Reception Hospital, Bayview		359
Total		1,293

PAYMENTS TO INSANE HOSPITALS FOR 1904.

Maryland Hospital for the Insane, 12 months and 78 days to December 31, inclusive	$ 44,669 57
Springfield State Hospital, 1 year to September 30, inclusive	56,601 92
Mt. Hope Retreat, 1 year to December 31, inclusive	37,025 03
	$138,296 52
Paid to physicians for filling out insane certificates in special cases	51 00
	$138,347 52
Balance of appropriation unexpended	652 48
	$139,000 00

The rate fixed by law for the city patients in state hospitals is $150 per year per patient.

Received by the city in 1904 from relatives and others for reimbursing patients	$11,987 84
Repaid by city to relatives of patients who died or were discharged before expiration of terms for which payments were made	122 92
	$11,864 92

The number of patients reimbursing is 186.

FEEBLE IN MIND.

Attention is again directed to the deplorable condition of the scores of feeble-minded and imbecile girls and boys all around us who are poorly cared for and are causing pain and suffering in their homes because the State has not made sufficient provision for the treatment of such cases.

It is not unusual to come across cases that disturb the domestic peace and happiness of the family to such an extent that the sympathies of the whole neighborhood are aroused, and yet we are powerless to afford relief. What can be done

with an active boy eleven years of age who, if not closely watched, will jump out of a window or strike one of the smaller children with a stick or chair or anything that is at hand? The boy nevertheless must be attended to and constantly cleaned like an infant. Some of these defective children chew the shoes off their feet and gnaw the plaster from the wall. Cases are frequently found where widowed mothers of such children are prevented from earning a living, and forced to become objects of charity, compelled as they are to watch the children constantly.

The economic side of this question will eventually force itself upon the community. These children, so inhumanly neglected, will almost certainly bring increased expense to the community by becoming parents of another generation of unfortunates, who in turn are to be a blight upon society. Why in this enlightened age such distressing conditions are permitted to exist from year to year it is difficult to understand.

EPILEPTICS.

The urgent need of proper care for epileptics in this State cannot be too strongly emphasized. Other States are establishing colonies and in many ways giving special attention to this large class of unfortunates. The apparent indifference exhibited by the State of Maryland can only be accounted for by a total ignorance of the facts. Numerous cases come to the notice of this department of persons suffering with epilepsy who live aimlessly, unhappily and wretchedly, a burden to themselves and their families, simply drifting through life as misfits because they cannot receive proper care either at home or elsewhere. No firm will employ a man or a woman, however competent, who is liable at any moment to fall over with a fit. The foundry, factory and office, all alike are closed to him; recently a man after having attacks several times in church was requested in a kind way not to attend the future services. As a

consequence, the epileptic gradually drifts to the almshouse or an insane asylum.

Immediate steps should be taken to establish a colony, where each of these unfortunates could become a busy, useful member. Experience has shown that in other states these colonies in a few years become almost self-supporting, and lift their many subjects from a wornout, aimless existence into a comparatively happy, contented life. The Craig colony at Sonyea, New York, provides for over 1,000 patients, and is aiming to care for double that number. Maryland has done next to nothing in this line.

BAYVIEW.

Report of Lamar Hollyday, Superintendent.

The past year shows a marked increase in the number of inmates in Bayview Asylum in all departments. The daily average was 1,348 against 1,261 last year, an increase of 87.

The average increase in infirmary was 30, or 4.6%; in hospital, 43, or 18.2%; in insane, 14, or 3.7%.

The largest number present at any time was 1,524, February 24, the smallest number was 1,230, September 13. The number present December 31, 1904, was 1,409.

A total of 2,772 persons have been cared for, of whom 1,360 were admitted during the year, and one was born in the Asylum. 247 persons were admitted more than once, making altogether 1,608 admissions. 82 admits were at the request of the Charity Organization Society and the Association for the Improvement of the Condition of the Poor.

The total number of deaths during the year was 451. Of this number 389 were in the hospital and infirmary, and 62 in the insane department—an increase of 96 in the former and 16 in the latter over last year. An unusually large number of cases were in a dying or hopeless condition when admitted.

The number of ambulance cases during the year was 188, against 150 last year, an increase of 38. Of these cases 40 died within one week after admission.

The number of commitments by police magistrates during the year was 164, against 170 last year. Some of those committed should have been sent to the House of Correction; our institution is intended only for the "aged, seriously crippled or infirm." The disorderly and dissolute should not be sent to Bayview. Every effort should be made to make it a home for aged and infirm destitute persons.

The total amount appropriated by the city for the year, for the support of Bayview, was $134,252.00; of this sum $25,558.05 was expended for salaries, $81,885.60 for general expenses, $19,637.42 for new hospital and special improvements, and $3,650 reserved to cover contract for new laundry. $3,516.95 of the salary appropriation and $3.98 of expense appropriation was returned to the city. $1,533.00 was paid to the city for board of inmates and sales of old material. The net cost to the city per capita for maintenance in all departments was $78.57, and the cost per capita of the several departments was: infirmary, $60.76; insane, $82.05; hospital, $116.99.

The greater portion of the work about the institution and farm is done by the inmates. The women's sewing-room turned out 14,186 garments and articles of various kinds, of which 2,359 were made by the insane; besides, all repair of clothing was done by inmates. The tailor made 646 pieces men's suits and overalls, and also did a large amount of repairing. The shoemaker repaired about 1,500 pairs of shoes.

Wages and standards in the nursing service have been raised, but difficulty has been experienced in finding and keeping the number of nurses required.

The new City Tuberculosis Hospital was opened December 19, 1904, with 48 patients. The numbers have since increased to 55. The situation is an ideal one, on an elevation with an extended view on all sides, where the patients receive the benefit of good fresh air and sunlight. An old farm house near at hand has been repaired and nicely fitted up for a nurses' residence.

The grade of male attendants for the insane has been raised. Inmate help has been done away with, the scale of wages has been increased and outside help employed. The benefit is seen in the improved condition of the patients and the cleanliness of the wards. Inter-communicating telephones have been installed, to connect the doctors' rooms with other important points.

10 white male and 30 white female patients were transferred to Springfield in August, thus relieving the congestion of the white wards. The old phthisical ward in the Annex will be fitted up to relieve the crowding in the colored male insane wards and provide for better classification. The rooms on the fourth floor of the female insane ward which were set apart for insane consumptive patients proving too cold for the winter, radiators have been put in and they are now comfortable. The electric wiring in the building for women has been renewed.

The fire equipment has been increased; valves will be put on the stand pipes at the ends of the halls on each floor and 4,000 feet of new hose has been contracted for.

A contract has been made for building a new laundry adjoining the drying house. The old laundry will be used for a new electric plant for which provision has been made in the appropriation for 1905. The space now occupied by the electric plant will be used for a coal bunker, which will increase our storage capacity by 150 tons.

The farm has done well, considering that we did not get possession of the new portion until late in the fall of 1903, and only had one outside hand employed for part of the year. At a fair valuation of the products raised, including the milk, it is estimated that it yielded a profit of $3,075.58.* Under the direction of our Supervisor, Mr. Harvey, who shows his usefulness in many ways, 8,200 cans of tomatoes of our own raising were put up.

In addition to the improvements mentioned, it would be well to consider making the lavatories more sanitary and change the heating system, which is old and antiquated. It has been in operation about forty years. A change can be made to utilize the exhaust steam, which would be the means of saving much coal. The engineer's report shows 3,186 tons coal consumed in the boiler-room during the year.

*See page 46.

The officers, the medical staff and nurses have been diligent in their respective duties and have assisted materially in looking after the welfare of the institution and the inmates.

Samuel W. Page, M. D., Chief Resident Physician, reports as follows:

The general health of the inmates of the institution has been very good during the year. There has been no epidemic of any kind. Quite a number of the seniles have died during the year from various causes.

There were treated during the year 1,880 patients, by far the majority of whom suffered from more than one disease. About 20 to 25 patients were treated daily in the dispensary. No accurate account was kept of cases treated in the dispensary, as the disease in many cases was either so trivial or of such a chronic nature that a record would have been of little value, and when such cases required any special attention they were transferred to the hospital, where records are kept. The number of practically moribund cases admitted to the hospital, alone was between 4,000 and 5,000 cases.

The death rate, while it has been much higher during 1904 than the preceding year, can be partly explained by the fact that there were 30 or 40 more deaths from phthisis during 1904 than there were in 1903. There were also a very large number of practically moribund cases admitted to the hospital, who died in a very short time after admission. 107 of these died within less than ten days after admission.

The new hospital for phthisical patients fills a long felt want and is a marked improvement on what we previously had. At present we have all of our tubercular cases, both male and female, strictly isolated from the other patients, with no communication, instead of having them constantly mixing up with the other patients from time to time. Since we have had trained nurses in charge of the nursing of the phthisical cases we find a most marked improvement along this line, and we

expect still greater improvement as soon as we are able to secure a full corps of nurses. The great trouble which we have had in treating our phthisical cases is that we rarely ever get the cases until they are very far advanced, when very little can be done for them. We hope to be able, now that we have our new hospital, to get the cases in an earlier stage so that we may have some opportunity of benefitting them.

Harry D. Purdum, M. D., Chief Resident Physician of the City Reception Hospital for the Insane, reports as follows:

While submitting this tabulated report of the year's work for your consideration, I wish to call your attention to a few improvements that have been made in this department which have been of great benefit to the patients as well as gratifying to those in charge.

First. The assignment of a small ward in the female building to our consumptive women, where they are isolated from the other patients. While this plan is far from being ideal, it is much better than letting them mingle with patients of the wards.

Second. The small increase in the salaries of the female attendants.

Third. The instalment of a system of telephones connecting the doctors' and male and female supervisors' rooms with the general office, whereby the rapidity of emergency calls is greatly facilitated.

Fourth. The employment of outside men as male attendants instead of using the inmate help from the almshouse department. This was a good step in the right direction, and has been a great improvement over former conditions, but is still not all that is to be desired.

I wish to suggest that we put the male attendants in uniform. The impression it would make on the insane would undoubtedly facilitate discipline among them, as well as greatly improve the appearance of the attendants.

OFFICIAL STAFF.

CITY OFFICES.

Hours, on week days, from 9 A.M. to 2 P.M.; Saturdays, 9 A.M to 12 M.

City Hall Office, first door by Lexington street entrance.

Secretary.....NATHANIEL G. GRASTY.
Visitor-in-Chief.....T. JAMES HUNTER.
Visitors.....MISS ELIZABETH S. WALSH.
MISS MARY O. SIMPSON.
Clerk and Stenographer.....MRS. HORTENSE BOWKER.

To this office should be referred all matters touching the insane and the destitute and neglected children with whom the city is concerned.

City Hall Annex Office, Gay street, between Lexington and Saratoga streets—City Office of Bayview Hospital and Infirmary and City Hospital for Consumptives.

Admit Clerk.....GEORGE SCHUSTER.
Clerk and Visitor.....MRS. EMILY DUVALL.

To this office should be referred all applicants for care or treatment in Bayview Hospital and Infirmary, the City Hospital for Consumptives, or in city beds in hospitals, and destitute persons asking transportation.

CITY MEDICAL AGENCIES.

To supply the services of good family physicians and necessary drugs to the very poor of the district who cannot otherwise procure them.

Hours: For women—11.30 A.M to 12.30 P.M.
" For men—12.30 P.M. to 1.30 P.M.

Southern District—Office 1814 Light street.

Boundaries—Camden street, Columbia avenue, western and southern city limits, and the harbor.

Physician-in-Charge.....HERMAN BRÜLLE, M.D.
Assistant Physician.....JENNIE N. BROWN, M.D.

Northwestern District—Office 2242 Pennsylvania avenue.

Boundaries—North avenue, Mt. Royal avenue, Lafayette avenue, Fremont avenue, Franklin street, and the western city limits.

Physician-in-Charge.....HENRY M. FITZHUGH, M.D.
Assistant Physician.....K. DESALES KELLY, M.D.

BAYVIEW.

OFFICIAL STAFF.

Superintendent.....LAMAR HOLLYDAY.
Purveyor.....DAWSON E. HAMMOND.
Clerk.....RUSSELL F. WILLIAMS.
Bookkeeper.....W. T. SLOTHOWER.
Supervisor.....PHILIP HARVEY.
Engineer.....JAMES J. FARRELL.
Assistant Engineer.....WILLIAM H. STEVENS.
Apothecary.....A. W. MCGLANNAN, Ph. G.
Matron.....NANNIE E. WORSLEY.
Assistant Matron.....MINNIE HILLEGIST.
Farmer.....J. N. HOFSTETTER.
Baker.....C. C. THOMAS.
Messenger.....THOMAS CONNOR.
Sewing Teacher.....MARY MERCER.
Laundress.....LOGAN CAREY.

BAYVIEW HOSPITAL.

MEDICAL AND SURGICAL STAFF.

RESIDENT STAFF.

SAMUEL W. PAGE, M.D., Chief Resident.

FRANK B. HINES, M.D. — JOSEPH C. COLEMAN, M.D.
DANIEL OF ST. T. JENIFER, M.D. — WILLIAM T. LILLY, M.D.
REUBEN A. WALL, M.D. — BENJAMIN J. BOND, M.D.

VISITING STAFF.

Physicians.

WILLIAM I. MESSICK, M.D.
THOMAS S. LATIMER, M.D.
JOSEPH E. GICHNER, M.D.
WILLIAM F. LOCKWOOD, M.D.
HARVEY G. BECK, M.D.

Surgeons.

ARCHIBALD C. HARRISON, M.D.
ISAAC R. TRIMBLE, M.D.
FRANK MARTIN, M.D.
JOSEPH W. HOLLAND, M.D.
ST. CLAIR SPRUILL, M.D.
CHARES F. BEVAN, M.D.

Neurologists.

GEORGE J. PRESTON, M.D. — CHARLES W. MCELFRESH, M.D.

Eye and Ear.

HARRY FRIEDENWALD, M.D. — EDWARD J. BERNSTEIN, M.D.
OTTO SCHAEFFER, M.D. — LEE COHEN, M.D.

Gynecologist.

THOMAS OPIE, M.D.

Obstetricians.

L. ERNEST NEALE, M.D. — CHARLES E. BRACK, JR., M D.

Throat and Nose.

MILTON R. WALTER, M.D. — FRANK D. SANGER, M.D.

Diseases of Stomach.

JULIUS FRIEDENWALD, M.D.

Pathologist.

HENRY C. BUNTING, M.D.

Superintendent of Nurses.

KATE C. LUCAS, R.N.

RECEPTION HOSPITAL FOR INSANE.

Resident Physician.

HARRY D. PURDUM, M.D.

Assistant Resident Physicians.

NEWDIGATE M. OWENSBY, M.D.

GEORGE PETERSON, M.D.

VISITING STAFF.

Alienists.

HENRY J. BERKLEY, M.D.

IRVING J. SPEAR, M.D.

Physician.

LOUIS HAMMAN, M.D.

Surgeon.

EUGENE McE. VAN NESS, M.D.

Gynecologist.

J. WHITRIDGE WILLIAMS, M.D.

Opthalmologist.

JAMES J. MILLS, M.D.

Supervisors.

FREDERICK R. HUDGINS.

ROSA PETTUS.

BAYVIEW.

FINANCIAL STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1904.

Appropriation for salaries	$ 29,075 00	
" " expenses	86,701 00	
" " Tuberculosis Hospital	18,476 00	
		$134,252 00

Amount of Appropriation Expended.

Salaries	$25,558 05	
Expenses	81,885 60	
Special improvements	23,287 42	
	$130,731 07	
Balance unexpended—Salaries $3,516 95		
" Expenses 3 98		
	3,520 93	
		$134,252 00

Classification of Disbursements.

Administration	$10,659 14	
Infirmary	35,914 13	
Hospital	27,681 86	
Insane	28,477 96	
Farm	4,710 56	
Special improvements	23,287 42	
		$130,731 07

Receipts Paid to City Comptroller.

Board of inmates	$1,053 27	
Sales of old material and sand	479 79	
		1,533 06
Net cost to the city		$129,198 01

Average census, 1,348.

Average net cost per capita of maintenance in all departments: 1903, $84.85; 1904, $78.57.

Cost Per Capita of the Several Departments.

Infirmary	$ 60 76
Insane	82 05
Hospital	116 99

Itemized Expenses, as Shown by Ledger.

	1903.	1904.	Increase.	Decrease.
Administration	$ 9,527 35	$ 8,660 73	.....	$ 866 62
Infirmary	16,748 89	17,432 63	$ 683 74	.....
Insane	15,694 95	17,823 45	2,128 50	.....
Hospital	14,052 46	16,282 13	2,229 67	.....
Drugs and hospital supplies	3,400 93	3,467 72	66 79	.....
Laboratory	344 35	340 72	.....	3 63
Farm	5,029 88	4,710 56	.....	319 32
Stables	1,134 74	1,184 51	49 77	.....
Fuel	12,978 62	13,006 02	27 40	.....
Light	1,113 54	1,611 89	498 35	.....
Clothing	4,903 84	5,320 14	416 30	.....
Bedding	2,009 96	1,972 01	.....	37 95
Laundry	925 47	967 32	41 85	.....
Painting	519 26	414 44	.....	104 82
Ordinary repairs	3,524 32	1,450 53	.....	2,073 79
General expenses	14,609 10	14,672 10	63 00	.....
Special improvements	12,987 55	23,287 42	10,299 87	.....
	$119,505 21	$132,604 32	$16,505 24	$3.406 13
	....	119 505 21	3,406 13	.....
Net Increase	.....	$13,099 11	$13,099 11	.....

Value of Products of Farm.

		1904.	1903.
32,101 gallons milk at	$ .15	$4,815 19	
397½ dozen eggs at	24¾	98 25	
1,460 bundles salsify at	3	43 80	
274 bundles thyme at	1	2 74	
499½ bundles celery at	10	49 95	
4½ pecks peppers at	50	2 25	
177 bushels carrots at	40	70 80	
202½ bushels parsnips at	50	101 25	
2 bushels kale at	25	50	
2,470 heads lettuce at	2	49 40	
1,487 bundles onions at	2	29 74	
63½ bushels onions at	70	44 45	
2,477 bundles radishes at	2	49 54	
107 bushels spinach at	30	32 10	
206 bushels rutabagas at	30	61 80	
1021 bundles parsley at	1	10 21	
4,596 heads cabbage at	1	45 96	
33 bushels peas at	70	23 10	
417 dozen squash at	12	50 04	
1,721 bundles beets at	5	86 05	
1,941 dozen corn at	10	194 10	
1,177 bushels tomatoes at	30	353 10	
120 bushels string beans at	50	60 00	
91 bushels lima beans at	60	54 60	
6,438 lbs. pork at	7	450 66	
410 bushels turnips at	25	102 50	
940 bushels potatoes at	50	470 00	
76 quarts raspberries at	12	9 12	
30 baskets peaches at	60	18 00	
66 barrels corn at	2 65	174 90	
6,000 lbs. hay at	13 00	39 00	
106 bushels wheat at	1 00	106 00	
123 bushels rye at	90	110 70	
63 bushels barley at	90	56 70	
199 bushels oats at	35	69 65	
6,690 lbs. wheat straw at	9 00	30 10	
4,000 lbs. oat straw at	8 00	16 00	
8,000 lbs. rye straw at	12 00	48 00	
800 bundles fodder at	2	16 00	
434 cart loads sand at	65	282 10	
20½ bushels cauliflower at	1 50	30 75	
		$8,359 10	$7,045 10

Expenses.

Salaries and labor	$1,263 66		
Exchange of cows	499 30		
Seeds, implements and sundries	750 22		
Hay, straw and feed	2,770 34		
		5,283 52	5,649 47
Profit		$3,075 58	$1,395 63

Bayview Hospital and Infirmary.

TABLE A.

Admissions, Births, Deaths, Discharges, Etc.

1904.	Admitted.		Born.		Died.		Discharged.		Escaped.		Eloped on Passes.		Remaining at end of month.	
	1904.	1903.	1904.	1903.	1904.	1903.	1904.	1903.	1904.	1903.	1904.	1903.	1904.	1903.
January	168	154	.....	2	25	33	56	109	2	1	4	7	1,492	1,339
February	126	133	.....	.....	39	31	54	64	10	3	5	4	1,510	1,370
March	119	128	.....	.....	38	41	136	141	2	14	14	6	1,439	1,296
April	136	99	.....	.....	52	25	135	117	4	5	8	13	1,376	1,235
May	113	99	.....	.....	37	27	136	112	5	7	14	13	1,297	1,175
June	114	108	.....	.....	34	30	83	56	8	3	14	12	1,272	1,182
July	125	107	.....	.....	45	30	55	60	6	7	10	10	1,281	1,182
August	132	106	.....	.....	38	18	108	55	11	3	8	7	1,248	1,205
September	116	110	.....	.....	38	18	49	57	13	2	10	4	1,254	1,234
October	130	123	.....	.....	31	31	61	40	10	4	3	9	1,279	1,273
November	137	121	.....	.....	39	28	48	41	4	2	8	9	1,317	1,314
December	191	191	1	.....	35	27	50	56	5	2	10	9	1,409	1,411
Totals	1,607	1,479	1	2	451	339	971	908	80	53	108	103		

TABLE A.—Continued.

	1904.		1903.	
Population December 31, of previous year	.....	1,411	.....	1,333
First admissions	1,361	.....	1,283	.....
Readmissions	247	1,608	198	1,481
	.....	3,019	.....	2,814
Total discharges, deaths, &c	.....	1,610	.....	1,403
Population December 31	.....	1,409	.....	1,411

SUPPLEMENT TO TABLE A.

Persons Admitted.	Times Admitted.	Total Admissions.
1,156	1	1,156
166	2	332
36	3	108
3	4	12
1,361		1,608

TABLE B.

Average Population by Months.

1904.	White.			Colored.			Totals.	
	Males.	Females.	Children Under 16 yrs.	Males.	Females.	Children Under 16 yrs.	1904.	1903.
January	704	361	16	173	196	7	1,457	1,328
February	733	367	16	186	201	7	1,510	1,357
March	690	370	16	187	206	7	1,476	1,337
April	607	375	15	186	203	6	1,392	1,250
May	560	372	15	171	203	6	1,327	1,200
June	529	373	15	162	200	7	1,286	1,180
July	537	369	15	154	194	7	1,276	1,169
August	546	372	15	160	190	7	1,290	1,194
September	521	353	15	161	187	5	1,242	1,215
October	542	358	15	158	185	7	1,265	1,251
November	579	365	15	157	182	6	1,304	1,288
December	632	360	15	165	175	6	1,353	1,363
Averages 1904	$598\frac{4}{12}$	$366\frac{3}{12}$	$15\frac{3}{12}$	$168\frac{4}{12}$	$193\frac{6}{12}$	$6\frac{6}{12}$	$1,348\frac{2}{12}$	.....
Averages 1903	$565\frac{9}{12}$	$341\frac{3}{12}$	$16\frac{1}{12}$	$42\frac{1}{12}$	$188\frac{8}{12}$	$6\frac{4}{12}$	.....	1,261

TABLE C.

Birthplace of Persons Admitted.

NATIVES.	1904.	1903.	FOREIGNERS.	1904.	1903.
Baltimore	554	522	Ireland	198	190
Maryland	227	192	Germany	152	161
Virginia	106	103	England	32	24
Pennsylvania	55	47	Scotland	17	9
New York	40	36	Austria	12	14
Massachusetts	15	10	Russia	12	13
District of Columbia	18	11	Italy	4	5
North Carolina	21	15	West Indies	2	5
South Carolina	5	9	Wales	1	2
New Jersey	6	14	France	4	4
Ohio	12	7	At Sea		1
Delaware	9	6	Canada	4	6
Connecticut	5	6	Denmark	5	3
Georgia	7	8	Poland	11	9
Illinois	1	5	Sweden	6	3
West Virginia	6	5	Bohemia	9	1
Kentucky	4	5	Finland		1
Alabama	2	1	China		2
South Dakota		1	Greece		1
Rhode Island		3	Switzerland	6	5
Vermont	3	2	Cuba	2	
Wisconsin	2	1	Hungary	2	
Missouri	3	3	Belgium		1
Maine	2	2	Norway	1	
Texas		2	Portugal	2	
Tennessee	4	1	Syria	2	
Louisiana	2		Australia	2	
Indiana	1		New Foundland	1	
Michigan	2		Slavonia	1	
Florida	3		St. Helena	1	
Iowa	1				
California	1				
Indian Territory		1			
New Hampshire	2				
Unknown		4			
Total	1,119	1,024		489	457

TABLE D.

Periods of Residence in Baltimore of Persons Admitted.

	1904.	1903.
Born in Baltimore	554	524
Less than one week	66	51
Over one week and less than one month	38	41
Over one month and less than three months	36	35
Over three months and less than six months	28	30
Over six months and less than twelve months	32	26
Over one year and less than two years	18	29
Two years and over	836	742
Unknown	.....	3
Total	1,608	1,481

TABLE E.

Ages of Persons admitted.

	1904.	1903.
Under 1 year	3	2
From 1 year to 10 years	1	1
From 11 years to 16 years	9	36
" 17 " " 20 "	34	
" 21 " " 30 "	190	151
" 31 " " 40 "	218	236
" 41 " " 50 "	355	293
" 51 " " 60 "	343	318
" 61 " " 70 "	286	285
" 71 " " 80 "	141	123
" 81 " " 90 "	25	30
" 91 " " 100 "	1	4
" 101 " " 110 "	2	.....
Unknown	0	2
Total	1,608	1,481

TABLE F.

Habits of Persons Admitted as Far as Ascertainable.

	1904.	1903.
Intemperate adults	1,067	1,037
Temperate adults	494	405
Children of temperate parents	19	16
Unknown	28	23
Totals	1,608	1,481

TABLE G.

Number of Commitments, Sex, Color and Period of Commitment.

1904.	Sex.				Totals.	Period of Confinement.				
	White Males.	White Females.	Colored Males.	Colored Females.		One Month.	Two Months.	Three Months.	Six Months.	One Year.
January	12	3	3	1	19	1	14	2	1	1
February	6	2	3	2	13	.....	12	.....	1	.....
March	4	.....	3	1	8	.....	7	.....	1	.....
April	7	5	1	.....	13	.....	10	...	1	2
May	6	2	1	2	11	1	10	.....	.....	.....
June	6	2	1	1	10	2	8	.....	.....	.....
July	10	6	.....	1	17	6	10	.....	1	.....
August	12	3	2	1	18	4	13	1	.....	.....
September	10	6	1	1	18	3	13	1	1	.....
October	7	5	.....	.....	12	.....	10	.....	2	.....
November	11	1	.....	2	14	.....	11	1	2	.....
December	6	4	1	.....	11	.....	9	2	.....	.....
Totals 1904	97	39	16	12	164	17	127	7	10	3
Totals 1903	107	41	15	7	170	12	128	3	20	7

TABLE H.

Number of Times Persons were Committed.

1904.	Once.	Twice.	Three Times.	Four Times.	Total Persons.
White Males	72	6	2	1	81
White Females	31	6	.....	.....	37
Colored Males	15	.....	.....	.....	15
Colored Females	12	.....	.....	.....	12
Total Persons	130	12	2	1	145
Total commitments	130	24	6	4	164

TABLE I.

Birthplace of Persons Committed.

NATIVES.	1904.	1903.	FOREIGNERS.	1904.	1903.
Baltimore	60	69	Ireland	20	25
Maryland	21	19	Germany	16	16
Virginia	14	9	England	1	3
Pennsylvania	5	7	Denmark	.....	1
New York	2	4	Finland	.....	1
District of Columbia	2	1	Sweden	2	1
Georgia	.....	1	Scotland	3	.....
Ohio	1	1	Poland	2	.....
South Carolina	.....	2	Switzerland	8	.....
Illinois	.....	2	France	1	.....
New Jersey	.....	5	Jamaica	1	.....
Connecticut	1	1			
Missouri	1	1	Total Foreign	54	47
Rhode Island	.....	1	Total Native	110	123
West Virginia	1	.....			
Delaware	1	.....		164	170
New Hampshire	1	.....			
Total Native	110	123			

TABLE J.

Ages of Persons Committed.

1904.	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
From 16 years to 20 years	3	2	1	0	6
From 21 years to 30 years	7	4	1	5	17
From 31 years to 40 years	10	6	1	3	20
From 41 years to 50 years	20	7	3	2	32
From 51 years to 60 years	28	6	7	1	42
From 61 years to 70 years	19	9	0	1	29
From 71 years to 80 years	9	3	3	0	15
From 81 years to 90 years	1	2	0	0	3
Totals	97	39	16	12	164

TABLE K.

Deaths in Each Month by Sex and Color.

1904.	Deaths.				Total.
	White Males.	White Females.	Colored Males.	Colored Females	
January	8	6	9	2	25
February	17	3	9	10	39
March	17	6	9	6	38
April	20	8	16	8	52
May	11	9	9	8	37
June	8	9	9	8	34
July	14	14	7	10	45
August	17	7	7	7	38
September	19	9	1	9	38
October	12	7	6	6	31
November	15	6	7	11	39
December	12	9	8	6	35
Total 1904	170	93	97	91	451
Total 1903	139	55	69	76	339

TABLE L.

Ages of Persons who Died, 1904.

1 to 10 Years	1
11 to 20 "	10
21 to 30 "	50
31 to 40 "	55
41 to 50 "	77
51 to 60 "	71
61 to 70 "	81
71 to 80 "	79
81 to 90 "	26
91 to 100 "	0
101 to 110 "	1
Totals	451

TABLE M.

STATISTICS OF DISEASE.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
General Diseases.						
Acute Alcoholism	119	109	.....	.....	.....	10
Anemia, Pernicious	1	.....	.....	.....	1	.....
Anemia, Secondary	17	8	5	.....	.....	4
Ascites	4	.....	4	.....	.....	.....
Cocaine Habit	2	.....	2	.....	.....	.....
Diabetes Mellitus	3	.....	2	1	.....	.....
Delirium Tremens	20	20	.....	.....	.....	.....
Gas Poisoning	1	1	.....	.....	.....	.....
Marasmus	6	2	3	1	.....	.....
Opium Habit	10	.....	10	.....	.....	.....
Senility	43	.....	2	14	10	17
Fevers and Infectious Diseases.						
Influenza	22	19	1	.....	.....	2
Malaria, Double Tertian	1	1	.....	.....	.....	.....
Malaria, Single Tertian	6	6	.....	.....	.....	.....
Rheumatism, Acute	25	15	6	.....	.....	4
Rheumatism, Chronic	108	75	21	.....	.....	12
Rheumatism, Gonorrheal	16	1	13	1	.....	2
Rheumatoid Arthritis	2	.....	.....	2	.....	.....
Typhoid Fever	4	3	.....	.....	.....	1
Tuberculosis, General	3	.....	.....	.....	3	.....
Variola	1	.....	.....	1	.....	.....
Gastro-Intestinal Diseases.						
Constipation, Chronic	36	.....	20	8	.....	8
Diarrhœa, Acute	21	19	2	.....	.....	.....
Diarrhœa, Chronic	15	.....	6	4	.....	5
Diarrhœa, Tubercular	6	.....	2	2	2	.....
Dysentery, Acute	4	3	1	.....	.....	.....
Dysentery, Chronic	14	3	8	1	1	1
Dysentery, Amœbic	5	2	1	.....	1	1
Fœcal Impaction	2	2	....	.....	.....	.....
Gastritis, Acute	5	4	1	.....	.....	.....
Gastritis, Chronic	12	.....	6	2	.....	4
Gastric, Dilatation	2	.....	1	1	.....	.....
Gastro-hepatic, Adhesions	2	2	.....	.....	.....	.....
Gastric, Ulcer	2	2	.....	.....	.....	.....

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases treated.	Cured	Improved.	Unimproved.	Died.	In Hospital, Dec. 31, 1904.
Gastro-Intestinal Diseases—Continued.						
Gastroptosis	1	.....	1	.....	.....	.....
Gastroenteritis	1	1	.....	.....	.....	.....
Intestinal, Intoxication	3	3	.....	.....	.....	.....
Intestinal, Perforation T. B.	2	.....	.....	.....	2	.....
Liver, Atrophic Cirrhosis	6	.....	1	3	2	.....
Liver, Hypertrophic Cirrhosis	5	.....	3	2	.....	.....
Liver, Chronic Passive Congestion	10	.....	2	7	1	.....
Stomatitis, Mercurial	5	5	.....	.....	.....	.....
Stomatitis, Catarrhal	6	4	2	.....	.....	.....
Stomatitis, Ulcerative	4	2	1	1	.....	.....
Diseases of Heart and Circulation.						
Aneurysm Aorta	7	.....	3	2	2	.....
Aneurysm Innominate	2	.....	.....	1	.....	1
Aneurysm Left Subclavian	2	.....	.....	2	.....	.....
Aortic Regurgitation	33	.....	19	2	9	3
Aortic Stenosis	10	.....	3	1	3	3
Arterio-Sclerosis	108	.....	8	74	4	22
Cardiac Dilatation Acute	46	.....	16	10	20	.....
Cardiac Asthma	2	.....	.....	.....	1	1
Cardiac Heppertrophy, with Dilitation	4	.....	2	.....	.....	2
Endocarditis Acute	4	.....	1	1	2	.....
Endocarditis Septic (Gonorrheal)	1	.....	.....	.....	1	.....
Mitral Regurgitation	195	.....	127	15	25	28
Mitral Stenosis	5	.....	1	1	2	1
Myocarditis Chronic	7	.....	2	1	3	1
Pericarditis, Acute	2	.....	2	.....	.....	.....
Pericarditis Adherent	3	.....	.....	.....	3	.....
Pericarditis c Effusion	6	.....	3	3	.....	.....
Diseases of Kidney.						
Hydronephrosis	5	.....	.....	3	2	.....
Nephritic Abscess	1	.....	.....	.....	1	.....
Nephritis, Chronic Interstitial	173	.....	106	10	33	24
Nephritis, Parenchymatous Chronic	39	.....	16	4	10	9
Nephritis, Diffuse	60	.....	36	9	9	6
Pyelo Nephrosis	4	.....	.....	1	3	.....
Uremic Coma	8	.....	2	.....	6	.....

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Diseases of Respiratory Tract.						
Asthma, Bronchial	4	.....	3	1	.....	.....
Bronchitis, Acute	15	11	1	.....	.....	3
Bronchitis, Chronic	48	.....	30	7	1	10
Emphysema	20	.....	5	10	.....	5
Gangrene of Lungs	1	.....	.....	.....	1	.....
Hydrothorax	5	2	1	1	.....	1
Miliary, Tuberculosis, Acute	2	.....	.....	.....	2	.....
Phthisis Fibroid	4	.....	4	.....	.....	.....
Phthisis Pulmonary, Incipiens	3	1	2	.....	.....	.....
Phthisis, Pulmonalis	428	.....	139	87	138	64
Pleuritis, Acute	7	4	3	.....	.....	.....
Pleurisy, Tubercular	14	1	7	1	3	2
Pleuritis, Chronic	8	.....	3	.....	1	4
Pleurisy, Dry	3	2	1	.....	.....	.....
Pleurisy, with effusion	6	5	1	.....	.....	.....
Pneumonia-broncho	11	2	.....	.....	9	.....
Pneumonia Hypostatic	5	.....	.....	.....	5	.....
Pneumonia, Lobar Single	15	5	.....	.....	9	1
Pneumonia, Lobar Double	3	.....	.....	.....	3	.....
Pneumonia, Tubercular Broncho	10	.....	2	3	3	2
Pulmonary Oedema	12	1	7	3	1	.....
Diseases of Nervous System.						
Anterior Polio-Myelitis	2	.....	1	.....	1	.....
Athetosis	1	.....	1	.....	.....	.....
Aphasia	3	.....	1	1	.....	1
Bell's Paralysis	2	.....	.....	1	.....	1
Bulbar Paralysis	1	.....	1	.....	.....	.....
Cerebral, Hemorrhage	5	.....	.....	.....	5	.....
Cerebral, Concussion	1	1	.....	.....	.....	.....
Cerebral Oedema	7	.....	.....	7	.....	.....
Cerebral, Softening	2	.....	.....	.....	2	.....
Cerobro Spinal Syphilis	7	.....	1	2	4	.....
Chorea	4	.....	2	1	.....	1
Dementia, Alcoholic	3	.....	3	.....	.....	.....
Dementia, Senile	41	.....	4	28	2	7
Epilepsy	56	.....	12	12	.....	32
Embolism, Cerebral	2	.....	.....	.....	2	.....
Facial Paralysis	1	.....	.....	1	.....	.....

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Diseases of Nervous System—Continued.						
Gumma of Brain	2	.....	2	.....	.....	.....
General Paresis	2	.....	.....	2	.....	.....
Hysteria	3	.....	.....	3	.....	.....
Hemiplegia, Right and Left	78	.....	37	16	6	19
Hemiplegia, Partial	3	.....	3	.....	.....	.....
Hydrocephalus	1	.....	.....	1	.....	.....
Idiocy	35	.....	.....	20	.....	15
Imbecility	23	.....	.....	14	.....	9
Insanity, Post Menopanse	4	.....	.....	3	.....	1
Insanity, Post Epileptic	1	.....	.....	1	.....	.....
Intercostal Neuralgia	2	2	.....	.....	.....	.....
Infantile Paralysis	2	.....	.....	2	.....	.....
Lateral Sclerosis	2	.....	.....	2	.....	.....
Lumbago	8	5	3	.....	.....	.....
Meningitis Basilar	3	.....	1	1	.....	1
Multiple Sclerosis	4	.....	.....	2	1	1
Myelitis Syphiletic	1	.....	.....	1	.....	.....
Neuritis Multiple	2	.....	2	.....	.....	.....
Neuritis Alcoholic	8	.....	2	3	.....	3
Neuritis Lead	2	1	1	.....	.....	.....
Neuritis Traumatic	1	.....	1	.....	.....	.....
Neurasthenia	10	.....	5	2	.....	3
Neuralgia Facial	6	4	2	.....	.....	.....
Paralysis Agitans	6	.....	.....	6	.....	.....
Paralysis Musculo-Spiral	6	3	2	1	.....	.....
Paralysis Musculo-Cutaneous	6	3	2	1	.....	.....
Paralysis Infantile	3	.....	.....	2	.....	1
Paraplegia Spastic	10	.....	2	2	4	2
Sciatica	3	.....	3	.....	.....	.....
Tabes Dorsalis	3	.....	1	.....	2	.....
Torticollis	3	3	.....	.....	.....	.....
Diseases of Eye.						
Blepharitis, Acute	2	2	.....	.....	.....	.....
Cataract, Double	4	1	.....	2	.....	1
Cataract, Single	3	.....	.....	2	.....	1
Cataract, Traumatic	1	1	.....	.....	.....	.....
Choroidal, Atrophy	1	.....	.....	1	.....	.....
Conjunctivitis Catarrhal, Acute	16	14	2	.....	.....	.....

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital, Dec. 31, 1904.
Diseases of Eye—Continued.						
Conjunctivitis, Muco-Purulent	1	1	.....	.....	.....	.....
Corneal Ulcer	5	3	1	1	.....	.....
Dacryocystitis	3	3	.....	.....	.....	.....
Ectropion	3	.....	3	.....	.....	.....
Entropion	2	.....	2	.....	.....	.....
Iritis, Syphilitic	8	7	1	.....	.....	.....
Iritis, Plastic	1	.....	.....	1	.....	.....
Iritis, Rheumatic	2	1	.....	.....	.....	1
Keratitis, Interstitial	2	2	.....	.....		.....
Leucoma	5	.....	.....	4	.....	1
Optic Atrophy, Double	1	.....	.....	1	.....	.....
Pterygium	6	1	1	3	.....	1
Retina, Detached	2	.....	.....	1	.....	1
Scleritis	1	1	.....	.....	.....	.....
Trachoma	2	.....	2	.....	.....	.....
Uveitis	2	.....	1	.....	.....	1
Diseases of Women.						
Cervical Laceration	2	.....	.....	2	.....	.....
Dysmenorrhoea	3	2	1	.....	.....	.....
Endometritis Cervical	4	3	1	.....	.....	.....
Endometritis Corporal	6	4	1	.....	.....	1
Fibroid Uterus Multiple	5	.....	.....	5	.....	.....
Phagadenic Ulceration Vulva	3	2	1	.....	.....	.....
Recto-Vaginal Fistula	1	.....	.....	1	.....	.....
Ulcer of Vulva	1	1	.....	.....	.....	.....
Ulcer of Vagina	1	1	.....	.....	.....	.....
Uterus Prolapsed	2	.....	.....	2	.....	.....
Uterus Retroflexed	4	.....	2	1	.....	1
Vaginitis Catarrhal	1	1	.....	.....	.....	.....
Vaginitis Gonorrhoeal	7	6	1	.....	.....	.....
Vesico Vaginal Fistula	2	.....	1	1	.....	.....
Obstetrics.						
Normal Labor (Woman and child in good condition.)	1	.....	.....	.....	.....	1
Undelivered	1	.....	.....	.....	.....	1

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Diseases of Skin.						
Acne Rosacea	6		3	3		
Acne Vulgaris	6	2	3	1		
Cancer of Face	1			1		
Dermatitis	6	6				
Dermatitis Blastomycetic	1			1		
Eczema Acute	1	1				
Eczema Chronic	5	1	3	1		
Eczema Pustular	3		1	1		1
Epitelioma of Nose and Cheek	4			2		2
Ecthyma	1	1				
Fibroma Multiple	4			2		2
Furunculosis	12	12				
Herpes Zoster	1	1				
Herpes Facialis	8	8				
Impetigo Contagiosa	4	3				1
Lichen Planus	2		1			1
Pediculosis Corporis	86	86				
Pediculosis Capitis	79	79				
Pediculosis Pubis	26	26				
Psoriasis	4		2	1		1
Raynaud's Disease	1		1			
Scabies	16	16				
Sun Burns	3	3				
Diseases of Nose and Throat.						
Coryza, Acute	2	2				
Laryngeal Carcinoma	1	1				
Laryngitis, Acute	5	5				
Laryngitis Syphilitic	2		1	1		
Laryngitis Tubercular	3		1	1		1
Perforated Palate (*hard*)	6		2			
Pharyngitis Syphilitic	1		1	2		2
Rhinitis Catarrhal	4	4				
Tonsillitis, Acute	8	8				
Tonsillitis Follicular	3	3				
Diseases of Ear.						
Impacted, Cerumen	4	4				
Otitis, Media Chronic	4		4			

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

DISEASES.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital, Dec. 31, 1904.
GENITO-URINARY DISEASES						
Balanitis	6	5	.....	.....	.....	1
Chancroid	16	15	.....	.....	.....	1
Cystitis, Acute	2	1	.....	.....	.....	1
Cystitis, Chronic	22	.....	15	4	.....	3
Epididimitis	1	1	.....	.....	.....	.....
Gonorrhea, Acute	8	8	.....	.....	.....	.....
Gonorrhea, Chronic	7	.....	5	.....	.....	2
Herpes Preputialis	1	1	.....	.....	.....	.....
Incontinence of Urine	61	15	30	10	.....	6
Orchitis, Gonorrhoeal	1	1	.....	.....	.....	.....
Orchitis, Tubercular	2	.....	1	1	.....	.....
Orchitis, Syphilitic	1	.....	1	.....	.....	.....
Prostatitis, Acute	2	1	1	.....	.....	.....
Prostatic, Hypertrophy	7	.....	4	2	.....	1
Phymosis	6	6	.....	.....	.....	.....
Perineal, Abscess	1	1	.....	....	.....	.....
Perineal, Fistula	1	.....	1	.....	.....	.....
Prostatic Cancer	1	.....	.....	1	.....	.....
Retention of Urine	14	6	3	3	.....	2
Urethral Stricture	19	5	10	2	.....	2
Varicocele	1	1	.....	.....	.....	.....
Vesical Calculi	1	1	.....	.....	.....	.....
SURGICAL DISEASES.						
Abscess, Tubercular	4	.....	1	1	.....	2
Abscess of Breast	1	1	.....	.....	.....	.....
Abscess	15	7	5	2	.....	1
Abscess Perirectal	1	1	.....	.....	.....	.....
Adenitis Auxiliary	1	1	.....	.....	.....	.....
Adenitis Inguinal	12	10	.....	.....	.....	2
Ankylosis of Ankles	1	.....	.....	1	.....	.....
Appendicitis	2	.....	2	.....	.....	.....
Abscess of Hip Tubercular	2	.....	1	.....	.....	1
Burns, Superficial	7	6	1	.....	.....	.....
Carbuncles	4	3	.....	.....	.....	1
Carcinoma Rectum	4	.....	.....	2	2	.....
Carcinoma Cœcum and Colon	1	.....	.....	.....	1	.....
Carcinoma Breast	2	1	1	.....	....	.....

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Surgical Diseases—Continued.						
Carcinoma Uterus	9		1	3	4	1
Carcinoma Prostate						
Carcinoma of Orbit	2			1		1
Carcinoma Cervix	1					1
Cancer of Vagina	1					1
Cellulitis	38	38				
Cholocystitis	2			1		1
Coxalgia	3		2			1
Concussion of Brain	2	2				
Convalescing, from Operation	10	10				
Circumcision	8	7				1
Decubitus, Dorsal	14	7	4	3		
Empyema	1				1	
Epithelioma, eye lid	2			1		1
Fracture, Patella	1	1				
Fracture, Inferior Maxilla	1	1				
Fracture, Femur Neck	9	4	1	2	1	1
Fracture, Femur Lower Third	1	1				
Fracture, Impacted	3		1	1		1
Fracture, Tibia	3	3				
Fracture, Base Skull	2	1				1
Fracture of both Feet, Metocarpal	1		1			
Fracture Humerus, Surgical Neck	1	1				
Fracture Humerus, Upper Third	2	2				
Fracture Radius, Lower End	3	3				
Fracture Leg, Compound	2	2				
Fracture Spine	1			1		
Floating Kidney	2			1		1
Fistula in Ano	5	3		1		1
Frost bite Gangrene	21	8	1	2		10
Fecal Fistula	1	1				
Gall Stones	3	1	1	1		
Gangrene, Moist	2				2	
Gangrene, Senile	13	2	1	2	7	1
Hemorrhoids	5	3				2
Hernia, Inguinal	20		2	10		8
Hernia, Ventral	2			2		
Hernia, Omental	1					1
Hernia, Femoral	3					3
Hernia, Strangulated Inguinal	2					2

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Continued.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Surgical Diseases—Continued.						
Hernia, Strangulated Appendiceal	1	1				
Hydrocele	3	2	1			
Hysterectomy	1	1				
Kidney Abscess	2				2	
Lacerated Wound	21	21				
Liver Abscess, Single Amœbic	1				1	
Liver Abscess Multiple	1			1		
Necrosis, Nasal Bones Syphilis	2		2			
Necrosis, Inferior Maxilla	2		1			1
Necrosis, Clavicle	1		1			
Osteomyelitis, Inferior Maxilla	1					1
Osteomyelitis of Tibia	2		1			1
Osteomyelitis, Left Foot	1	1				
Prolapsed, Rectum	3	1	1			1
Peritonitis, Pelvic	1		1			
Peritonitis, General Tubucular	2			1	1	
Pott's Disease	3	1	1			1
Perforated Nasal Septum	2		1			1
Periostitis	2	1	1			
Phlebitis	2	2				
Sarcoma Scalp	1			1		
Sarcoma, Kidney	1			1		
Sarcoma, Lung	1			1		
Septicemia	1	1				
Sprains	18	16				2
Salpingitis	1		1			
Sinus of Leg, Tubercular	2	2				
Sinus of Chest Wall, Tubercular	1	1				
Synovitis, Chronic	2	1	1			
Syphilis, Primary	10		9			1
Syphilis, Secondary	42		37			5
Syphilis, Tertiarv	41		30	2		9
Syphilitic Leg Ulcer	15	6	7			2
Stab Wound of Chest	1	1				
Suppurative Osteitis	1	1				
Tuberculosis Elbow Joint	1	1				
Tuberculosis, Inferior Maxilla	1	1				
Tubercular Abscess Ilium	2		2			
Tuberculosis of Humerus	1	1				
Tuberculosis, Ankle Joint	1	1				

BAYVIEW HOSPITAL—STATISTICS OF DISEASE—Concluded.

Diseases.	Cases Treated.	Cured.	Improved.	Unimproved.	Died.	In Hospital Dec. 31, 1904.
Surgical Diseases—Continued.						
Tuberculosis, Astragulus	2	2				
Tuberculosis of Knee	1	1				
Tetanus, Acute	1				1	
Tubercular Adenitis						
Tubercular Abscess of Spine	2					2
Tubercular Abscess of Hip	1					1
Ulcer, Traumatic of Foot	6	5	1			
Ulcer Leg, Syphilitic	15	6	7			2
Ulcer, Left Leg	46	22	14			10
Ulcer, Leg Traumatic	2	2				
Ulcer, Foot	2	1	1			
Ulcer, Double	13	6	7			
Ulcer, Varicose	8	2	4			2
Veins, Varicose	11		10			1

Diseases Treated During 1904.

Number cured	1,006
" improved	1,061
" unimproved	568
" died	389
" in hospital December 31, 1904	491
Total	*3,515

*Cases treated in the Dispensary are not included in these figures. It is impossible to report the result of the dispensary treatment as distinct from hospital treatment with accuracy.

City Reception Hospital for Insane.

TABLE A.

General Statement for the Year Ending December 31, 1904.

	White Male.	White Female.	Colored Male.	Colored Female.	Totals.
Number of patients in hospital December 31, 1903	78	143	73	107	401
" " admitted from Baltimore	48	39	40	28	155
" " transferred from infirmary	7	7	3	2	19
Total number under treatment	133	189	116	137	575
Number of patients discharged	20	11	18	12	61
" " paroled and not returned	7	7	2	7	23
" " transferred to Springfield	33	11	.....	.....	44
" " " " Mt. Hope	2	3	.....	.....	5
" " " " Spring Grove	2	2	.....	.....	4
" " " " infirmary	7	.....	8	1	16
" " escaped	.....	.....	1	.....	1
" " died	11	16	17	18	62
Total egress during the year	82	50	46	38	216
Remaining in hospital December 31, 1904	51	139	70	99	359
Received twice during the year	.....	1	1	.....	2

TABLE B.

Admissions, Discharges, Transfers, etc., by Months, 1904.

	Admissions.	Discharged.	Transferred.	Paroled and Not Returned	Escaped.	Died.	Number of Patients at the end of each Month.
January	11	5	3	1	.....	8	395
February	8	2	.....	3	.....	3	395
March	12	2	.....	2	.....	1	402
April	10	5	2	3	.....	3	399
May	11	5	1	2	.....	6	396
June	29	8	3	2	1	9	402
July	15	8	3	4	.....	8	394
August	27	4	45	1	.....	8	363
September	13	8	4	1	.....	3	360
October	12	7	4	.....	.....	4	357
November	12	2	3	2	.....	4	358
December	14	5	1	2	.....	5	359
Totals	174	61	69	23	1	62	.....

Average number of patients during the year..... 381 8/12
Highest number of patients, June 23, 1904..... 408
Lowest number of patients, October 25, 1904..... 356

TABLE C.

Nativity of Patients Admitted During 1904.

Baltimore	65	Ohio	1
Maryland	39	Wisconsin	1
New Hampshire	1	Washington, D. C.	3
New York	3	Unknown	1
Pennsylvania	7	Austria	3
Delaware	2	Bavaria	1
Virginia	9	Bohemia	5
West Virginia	1	England	4
North Carolina	5	Ireland	3
South Carolina	1	Germany	8
Alabama	1	Russia	5
Georgia	1	Sweden	1
Florida	1	West Indies	2
Total	174		

TABLE D.

Occupation of Patients Admitted During 1904.

Barber	2	Laborer	44
Butcher	1	Laundress	13
Brickmaker	1	Lewd	5
Bristleworker	1	Market Woman	1
Blacksmith	1	Minister	1
Brassfinisher	1	Machinist	2
Bricklayer	1	Minor	1
Cabinetmaker	1	None	4
Clerk	4	Painter	4
Cook	4	Plumber	2
Cigarmaker	1	Porter	2
Canmaker	1	Saleswoman	1
Domestic	19	Shoemaker	2
Engraver	1	Seamstress	5
Farmer	2	Sailor	2
Fireman	1	Saloonkeeper	1
Housekeeper	11	Stonecutter	1
Housewifes	16	Stevedore	1
Huckster	1	Storekeeper	1
Ironworker	2	Teacher	1
Junk Dealer	1	Unknown	1
Journalist	2	Waiter	4
Total			174

TABLE E.

Mental Condition of Patients Admitted During 1904.

Mania, Acute	1
" Chronic	2
Melancholia, Acute	7
" Chronic	1
Dementia, Alcoholic	8
" Senile	12
" Organic	4
" Syphilitic	11
Adolescent Insanity—Hebephrenia	9
" " Catatonia	3
Alcoholic " Acute	18
" " Chronic	22
Climacteric "	6
Delusional " Chronic	6
Cocaine Intoxicational Insanity	1
Auto Intoxicational "	4
Epileptic "	5
Periodic "	7
Paresis	12
Paranvia	8
Imbecility	15
" with Excitement	4
" " Epilepsy	6
" " Alcoholism	2
Total	174

TABLE F.

Mental Disorders and Condition of those Discharged, Transferred, etc., During 1904.

	Recovered.	Improved.	Unimproved.	Totals.
Mania, Acute	2	2	1	5
Melancholia, Chronic	.....	1	6	7
Dementia Senile	.....	2	4	6
" Epileptic	.....	2	1	3
" Traumatic	.....	1	.....	1
" Alcoholic	.....	2	3	5
" Syphilitic	1	2	1	4
Alcoholic Insanity, Acute	18	2	1	21
" " Chronic	.....	8	5	13
Periodic "	8	.....	.....	8
Epileptic "	6	.....	.....	6
Adolescent "	.....	3	4	7
Auto Intoxicational Insanity	2	2	1	5
Delusional " Chronic	.....	3	8	11
Climacteric "	2	3	3	8
Paresis	.....	2	2	4
Paranoia	.....	1	6	7
Imbecility	.....	4	12	16
" with Alcoholism	.....	4	2	6
" " Excitement	.....	6	.....	6
" " Epilepsy	.....	2	1	3
Idiocy	.....	.....	2	2
Totals	39	52	63	154

TABLE G.

Mental Disorders of Patients who Died During 1904.

Mania, Acute	2
Dementia, Alcoholic	5
" Senile	10
" Syphilitic	9
" Organic	3
Melancholia, Chronic	4
Adolescent Insanity	1
Alcoholic " Chronic	5
Epileptic "	2
Periodical "	3
Delusional " Chronic	2
Paresis	7
Paranoia	1
Imbecility	5
" with Epilepsy	1
Idiocy	2
Total	62

TABLE H.

Causes of Death of Patients who Died During 1904.

Apoplexy	3
Acute Dilatation of Heart	9
Cerebral Softening	5
Cerebro-Spinal Syphilis	2
Cerebral Oedema	4
Cerebral Tumor	1
Endocarditis	2
Encephalitis	2
Paresis	3
Marasmus	2
Nephritis, Interstitial	3
Pulmonary Oedema	6
Pneumonia	3
Peritonitis, Tubercular	4
Pachymeningitis, Hemorrhagica	2
Phthisis Pulmonalis	11
Total	62

TABLE I.

Time of Treatment of Patients Discharged or Transferred During 1904.

	White Male.	White Female.	Colored Male.	Colored Female	Totals.
One month or less	17	5	9	3	34
Between 1 and 2 months	13	7	4	6	30
" 3 " 6 "	10	6	4	2	22
" 6 " 12 "	12	5	5	2	24
" 1 " 2 years	10	8	3	4	25
" 2 " 5 "	8	3	1	2	14
" 6 " 8 "	.....	.....	1	.....	1
" 9 " 12 "	1	.....	1	1	3
23 years	.....	.....	1	.....	1
Totals	71	34	29	20	154

TABLE J.

Time of Treatment of Patients who Died During 1904.

	White Male.	White Female.	Colored Male.	Colored Female.	Totals.
One month or less	5	1	2	.....	8
Between 1 and 2 months	.....	3	1	1	5
" 3 and 6 "	1	1	4	3	9
" 6 and 12 "	1	2	2	3	8
" 1 and 2 years	3	3	1	3	10
" 2 and 4 "	.....	3	4	4	11
" 5 and 8 "	.....	1	2	4	7
" 9 and 12 "	1	1	.....	.....	2
" 15 and 18 "	.....	1	1	.....	2
Totals	11	16	17	18	62

APPENDIX.

Charter of Baltimore City.

SUPERVISORS OF CITY CHARITIES.

Section 104. The Supervisors of City Charities shall be the first sub-department of Charities and Corrections, and the head of this sub-department shall be a board composed of nine persons, appointed by the Mayor as provided in Section 25 of this Article, who shall be removable as therein provided. Their term of office shall be for six years, three of them to retire at the end of every two years; except that the Supervisors first appointed shall determine by lot their terms of office, so as to provide for the termination of the term of three Supervisors each at the end of the first two and four years. The said Supervisors shall have been citizens of Maryland for at least five years, and residents of the City of Baltimore for at least one year prior to their nomination. The Mayor, in the appointment of said Supervisors, shall designate one of their number as President, and the Supervisors shall elect a Secretary, who shall be paid a salary of one thousand five hundred dollars per annum, payable monthly, and shall discharge such duties as the Supervisors shall prescribe. The said Supervisors shall serve without pay. They shall be appointed by the Mayor from among those whom he deems, by reason of their intelligence, experience and character, to be most capable of caring for the poor, economically, intelligently and humanely. In the selection of said Supervisors and in their action, in matters relating to the duties imposed upon them by law or ordinance, ecclesiastical or party ties shall not be regarded, so that the care of the poor may be entirely out of the field of political or religious differences and controversies. The duty of said Supervisors shall be to determine what sick, insane or other destitute persons are proper charges on the City, and to provide for the proper care of such persons, in so far as money may

be appropriated for that purpose by the City. The Supervisors shall have the power to appoint and fix the compensation of such officials and subordinate employees as they may deem necessary for the proper conduct of the business entrusted to them, not to exceed in number of employees or aggregate amount of compensation the limit fixed by ordinance. The Supervisors shall report annually to the City upon all departments of their work, including the work of those institutions with which the City has contracted for the care of any poor persons, and they shall perform all the duties heretofore performed by the Trustees of the Poor unless otherwise provided in this Article.

105. All appropriations by the Mayor and City Council of Baltimore for the treatment, care or support of the indigent poor in institutions not owned by the City, or for dispensary treatment, shall be by contract, in which the City shall agree to pay so much per capita for persons placed, treated or prescribed for in such institutions or dispensaries so contracting with the city, and in no case shall a gross sum be paid to any such institution or dispensary. Every such contract shall contain a stipulation that the City shall incur no obligation therefrom for any amount not provided for or in excess of the appropriation made for the fiscal year in carrying out such contract. No public moneys shall be paid to any institution or dispensary for the treatment, care or support of any person until the said Supervisors have determined and certified in writing that such person is a proper subject of municipal aid.

106. No appropriation shall be made or money expended for the maintenance, outside of the Almshouse, or other City home, of any adult poor person or persons, except the sick, insane or other special classes requiring special treatment, or homeless persons requiring temporary care only; *provided* the City has adequate accommodations at the Almshouse or other City home. All poor persons who, in the judgment of said Supervisors, require special care or treatment outside of

a City institution, may be placed by said Supervisors in any institution or institutions with which the City has contracted for such care or treatment, which they, in the exercise of their judgment, after careful inspection and inquiry, shall deem best fitted to give the necessary care or treatment.

107. The Mayor and City Council of Baltimore, through the said Supervisors, shall have care and supervision over such children as shall be committed to or placed in those institutions with which the City may have contracted and as shall have been duly accepted by said Supervisors as proper charges on the City. Said Supervisors shall have power to remove any child from any such institution to which he or she has been committed or placed, and to place said child in any other such institution, when it is apparent to the Supervisors that from improper treatment or for other good cause, the welfare of the child requires such removel. No such child shall be discharged from the institution to which he or she shall have been committed or placed (unless by direction of a court of a competent jurisdiction), or be transferred to any other institution, or to the care of any individual, without the approval and consent of the said Supervisors. It shall be the duty of the Supervisors, as far as is practicable, to place all destitute or neglected children who are under their care or in their charge, in some institution or home for children, or, without payment of board to some respectable family in the State of Maryland, and to have the children visited and their circumstances carefully examined at least once in every six months by one of the Supervisors or by a skilled agent or agents appointed by them for the purpose. On the preliminary question of the commitment of any destitute or neglected child, said Supervisors, or their agent, shall be summoned by the committing officer and heard as to whether the parent or guardian of the child to be committed is entitled to the aid of the City, and if on the return of the summons of the said Supervisors, or their agent, further time is required by them, or him, to make inquiry as to

the pecuniary ability of said parent or guardian, further time, not exceeding twenty-four hours, shall be given. The wish and request of the parent or guardian as to the place of commitment shall be respected, unless good cause to the contrary be shown by the Supervisors. The Supervisors of City Charities shall have power to place foundlings in any proper institution with which the City has a contract.

108. The Supervisors may admit into the Almshouse and receive under their care, in addition to those paupers which the laws of this State authorize and require, such indigent or distressed persons as in their opinion the dictates of humanity or particular circumstances render proper or necessary. In cases of emergency any Supervisor may direct the admission of any destitute, indigent or distressed person to the Almshouse.

109. The Supervisors shall prescribe, provide for, and direct all matters relating to the support, treatment and employment of all paupers, vagrants and other persons in the Almshouse, or any other place under their care and charge.

VAGRANTS, PAUPERS, BEGGARS, ETC.

868. The said Court or said Justice, upon proof that any person is a pauper, an habitual beggar, a vagrant, or a vagabond as aforesaid, shall in the discretion of the said Court or Justice commit said pauper, habitual beggar, vagrant or vagabond to the Maryland House of Correction, or to such other suitable place as may hereafter be provided for said purpose by the Mayor and City Council of Baltimore; *provided* that any person found to be a pauper or an habitual beggar who may not be able-bodied, but aged or seriously crippled or infirm, may in the discretion of said Court or Justice be committed to the almshouse for said City; and that any minor committed under this section may be sent to any reformatory institution to which minors may be committed under Article 27 of the Code of Public General Laws.

PUBLIC GENERAL LAWS OF MARYLAND, ART. 59.

ACT OF 1900, CHAPTER 603.

SECTION 1. When any person is alleged to be a lunatic or insane, and without sufficient means to pay for his or her maintenance at an asylum, and who has no relative or relatives, or others legally chargeable with his or her support, the County Commissioners of the county in which such person may reside, or the Supervisors of City Charities of the Department of Charities and Corrections of the City of Baltimore (if such person resides in the City of Baltimore) shall, upon the written certificates of two qualified physicians, made in accordance with the provisions of Section 31, of this Article, cause such person to be sent to the almshouse of the county or city to which he belongs, or to an hospital or some other place better suited to his condition, there to be confined at the expense of the county or city until he shall have recovered and be discharged in due course of law; but if demanded by the alleged lunatic or insane person, or any of his relatives or friends, or if requested by the Board of County Commissioners of the county in which the alleged lunatic or insane person resides, or by the Supervisors of the City Charities of the Department of Charities and Corrections of the City of Baltimore, if said person resides therein, the Circuit Court for the county in which such person may reside, or the Criminal Court of Baltimore (if such person resides in the City of Baltimore) shall cause a jury of twelve good and lawful men to be empaneled forthwith, and shall charge the said jury to inquire whether such person is insane or lunatic, and, if found so, it shall be the duty of the County Commissioners or of the Supervisors of City Charities of the Department of Charities and Corrections of Baltimore City to cause such person to be sent to the almshouse of the county or city to which he belongs, or to an hospital, or to some other place better suited to his condition, there to be confined at the expense of the county or city,

until he shall have recovered and be discharged in due course of law. It shall be the duty of any Board of County Commissioners and the Supervisors of the City Charities of the Department of Charities and Corrections of the City of Baltimore, before whom any such alleged lunatic or insane person is brought for commitment, under this section, if not satisfied that such person is lunatic or insane, as defined in Section 3, of this Article, to notify the State's Attorney of said county or city, and he shall immediately thereupon bring the said question before the Circuit Court of the said county, or the Criminal Court of Baltimore City, for the determination in accordance with the provisions of this section. Nothing contained in this section shall prevent the friends or relatives of such lunatic or insane person from confining him or providing for his comfort.

3. No person shall be deemed entitled to the benefit of the preceding sections who shall possess or be entitled to receive sufficient income for his maintenance and support as a patient in any home, retreat or hospital for the insane in this State, or who has relatives or others legally chargeable with the support of the said person who are able to pay for the maintenance and support of the said person as a patient at any home, retreat or hospital for the insane in this State. The county commissioners of any county or the Supervisors of City Charities of the Department of Charities and Corrections of the City of Baltimore may consent in writing to the commitment in accordance with the provisions of Section 1, of this Article, of any indigent insane person from the respective counties or the city aforesaid not able to pay the whole cost of his maintenance, but who may be able to pay for part thereof, as a reimbursing patient, and designate the rate per week which shall be reimbursed to the county or City of Baltimore, from which said patient is committed; but no person shall be committed as a reimbursing patient who is himself able, or who has relatives or others legally chargeable with the support of said person,

who are able to pay the rates for private patients at the State hospital or at any institution, home or retreat for the insane within the State.

31. No person shall be committed to or confined as a patient in any institution, public, corporate or private, or almshouse or other place for the care and custody of the insane or idiotic, except upon the written certificates of two qualified physicians of the State of Maryland, made within one week after separate examination by them of said alleged lunatic, and setting forth the insanity or idiocy of such person and the reason for such opinion. No certificate shall be of force which shall be presented for the commitment of any patient more than thirty days after date of examination. The form of physician's certificate shall be substantially as follows:

State of Maryland, County or City of ———. Dated ———, I, a resident of the County or City of ———, being a graduate of ——— Medical College and having practised as a physician five years, do hereby certify that on this ——— day of ——— I have personally examined ———, age ———, (sex) ———? (social state), and do verily believe that the said ——— is insane, and that the disease is of a character which, in my opinion, requires that the person shall be placed in a hospital or other establishment where the insane are detained for care and treatment. I further certify that I am not related by blood or marriage to the said ———, nor in any way connected as medical attendent or otherwise with the hospital or other establishment in which it is proposed to place the aforesaid ———, and that this certificate is signed and made within one week of the examination of the patient.

————————, M.D.

Resdence ————————.

This section shall not apply to the cases of voluntary commitments as provided for in Section 37.

ACT OF 1904, CHAPTER 421.

SECTION 2. From and after the first day of January, 1909, the State of Maryland shall be charged with the maintenance, care, control and treatment of all dependent insane persons who are at that time residents of the State of Maryland. And as soon as practicable after the said first day of January, 1909, the State Board of Lunacy shall transfer from the several county almshouses and county and city asylums to one of the State hospitals for the insane, such dependent insane persons who are residents of the State of Maryland as in the judgment of the said Board of Lunacy should be so removed; and all such dependent insane persons, after their removal to one of the State hospitals for the insane, shall be maintained therein at the expense of the State. In furtherance of the purposes of this Act a commission shall be appointed by the Governor, of which he shall be a member ex-officio, consisting of the Lunacy Commission, who shall report to the Legislature on or before the 15th day of January, 1906, such amendments to the present law regulating the care and treatment of the insane and such other measures, including plans for the enlargement of the present State hospitals, or the creation of other State hospitals, as may to such commission seem necessary.

ANNUAL REPORT

—OF THE—

WATER BOARD

—TO THE—

Mayor and City Council of Baltimore

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1904

BALTIMORE, MD.
WM. J. C. DULANY COMPANY,
CITY PRINTERS.

1905.

REPORT.

BALTIMORE, MD., January 1, 1905.

To the Honorable
The Mayor and City Council of Baltimore:

GENTLEMEN—In accordance with the requirements of city regulations we herewith submit our report for the year ending December 31, 1904:

APPROPRIATIONS AND EXPENDITURES.

REGULAR APPROPRIATIONS.

Our regular appropriations for 1904 were $88,833.34 for salaries, and $376,000 for expenses, including labor and all supplies. Our expenditures for the year from these appropriations were $82,448.41 for salaries, and $371,754.38 for expenses, leaving unexpended balances of $6,384.93 and $4,245.62, respectively. The unexpended balance from our salary appropriation, $6,384.93, is largely due to the fact that when making up our estimate in September, 1903, for the appropriation for 1904, we figured on 25 bi-monthly payments for the year (an ordinance having been passed in 1903 requiring bi-monthly payments of salaries to all city employees); but the Comptroller, finding at the end of the year 1903 that a sufficient balance would be left from our appropriation for salaries for that year, charged the extra half month's salary to that appropriation, instead of against the appropriation for 1904. Of the balance of $4,245.62 left from our appropriation for expenses, $3,500 has been carried forward to 1905 to pay for pipe bought under contract in 1904, but delivered so near the end of the year that the bills for the pipe could not be passed in time to include the amount in the year's expenses.

Besides these expenditures charged directly against our appropriations, we expended an additional amount of $10,267.71 for new water meters, which amount was charged against the receipts from installation of new metered supplies during the year, in conformity with the custom of the Comptroller's office for the last six or seven years.

APPROPRIATION FOR NEW IMPROVEMENTS.

In addition to the appropriation for regular expenses of the Department we had an appropriation of $2,786.78 for the final payment on the contract for our new storehouse at Gay street yard, which was completed in 1903. This amount was the unexpended balance of an appropriation of $30,596.02 made for this building in 1903. All of this amount was expended during the year.

APPROPRIATION FROM THE $4,000,000 LOAN OF 1945.

We also had an appropriation of $42,805.92 from the $4,000,000 Loan of 1945, $2,000,000 of which was for the improvement of the water service for the dredging of Loch Raven; that amount being the balance of the $2,000,000 remaining unexpended on December 31, 1903. Of that amount we expended $25,176.31 during the year, leaving an unexpended balance of $17,629.61, which is carried over to 1905 to continue the work. By repeating what we expressed in our report for 1903 we wish to emphasize our opinion that this work should have been charged to operating expenses, as dredging is not in the nature of a general improvement.

APPROPRIATION FROM $1,000,000 LOAN OF 1943.

Two appropriations from this loan were made for the year 1904. One of $36,097.60 for the new Eastern Upper Service system, that amount being the unexpended balance remaining on December 31, 1903, of an original appropriation of $70,000 made for this purpose in 1902. Of this appropriation we expended during the year $24,076.12, leaving a

balance of $12,021.48 to be carried over to 1905 for further expenditures on this account.

The other appropriation from this loan was $224,326.91 for the extension of the City Water service to the district inside the city limits west of Gwynn's Falls and the acquisition of the mains of the Baltimore County Water and Electric Company in that section; the amount named being the unexpended balance of an original appropriation of $225,000 made for this purpose in 1902. Of this appropriation we expended during the year only $6, leaving a balance of $224,420.91 which is carried over to 1905.

EXTRAORDINARY APPROPRIATION.

On account of the losses in revenue and damage to pipes, hydrants and meters, caused by the great fire of February 7 and 8, and also because of the excessive reduction of water rates made in 1901, it was evident early in the year that the revenues of the Department would fall far short of our necessary expenditures for interest on bonds and operating expenses alone. Consequently, it was found necessary to take advantage of means made available by legislative enactment after the fire for reimbursing the various city departments for losses caused by the fire. An extraordinary appropriation of $73,000, the estimated amount of our loss of revenue for the year and damage to the system caused by the fire, was therefore made by an ordinance of the City Council in June from the fund received by the city from the sale of the Western Maryland Railroad. Of this amount we expended $45,698.74, leaving an unexpended balance of $27,301.26 to revert to the fund mentioned as required by the ordinance.

RECEIPTS AND SURPLUS.

The total receipts for the year from all sources credited to the water service, water rents, plumbing bills, service connections, sale of material, etc., were $826,812.43. As the absolutely necessary expenses of the water service, for interest on

bonds and operating expenses, making every economy and with practically no expenditures for ordinary extensions or improvements were $872,534.65 for the year, it is thus evident that there was a deficiency of revenues to meet those expenses by over $45,000.

Including the $73,000 extraordinary appropriation mentioned, and $23.48 from wages returned, the total funds made applicable to our expenses for the year were $899,835.91. Of this amount there was expended by our Department and the Collector of Water Rents and Licences $872,534.65, leaving a surplus of $27,301.26, which, as above mentioned, reverts to the Western Maryland Railroad Sale Fund.

PROGRESS ON LOAN IMPROVEMENTS.

1. IMPROVEMENTS PROVIDED FOR FROM THE $1,000,000 1943 LOAN.

(*a*) THE NEW HIGH-SERVICE RESERVOIR.

Conditions as to this imperatively necessary addition to our water system remain unfortunately about as they were a year ago, and we are apparently no nearer to commencing work on the reservoir than we were last year. No appropriation was made for this improvement for 1904, the City Solicitor considering it inadvisable to make such an appropriation because of litigation over the Calloway site. Suit is still pending in court against the city to compel us to take this site, with prospect of an early decision. Upon the advice of the City Solicitor, the Water Board, however, reviewed the whole matter of the selection of a suitable site for this reservoir, and the majority of the Board selected what is known as the Keyworth site, situated just east of Green Spring avenue and just north of Druid Hill Park. Also upon the advice of the City Solicitor we prepared and submitted to the City Council an ordinance for the purchase of this site. This ordinance has been referred to the Water Committee, but since then no further action has been taken. It was deemed advisable not to push the ordinance until the court had passed upon the

Calloway case. In order to be in a position to begin the construction of this reservoir in 1905, in case the matter of a site should be decided before the end of that year, we have asked for and secured two appropriations for 1905; one of $75,000 for the purchase of a site, and one of $135,000 for such construction work as might be done during 1905. It is to be hoped that this matter will be definitely settled next year, as it is of vital importance that we have this reservoir in service as soon as possible.

(*b*) EXTENSION OF THE CITY WATER SERVICE TO THE SECTION OF THE CITY WEST OF GWYNN'S FALLS.

We are gratified to be able to report that material progress has been made during the year toward a final settlement of this matter. It having been determined during the previous year, 1903, that it was impossible for the Water Board and the Baltimore County Water and Electric Company to agree upon a value for their holdings in that section, our recommendation that the matter be as soon as possible put up to arbitration, as provided for in the City Charter, has finally been accepted. After a conference of the Mayor, City Solicitor, Water Board and counsel of the Company, an ordinance providing for the arbitration and naming the arbitrators was agreed upon. This ordinance was introduced into the City Council in November, and after considerable delay has been passed in its original form. The residents of the section mentioned and the Water Board, who have worked so hard for the settlement of this matter, have reason to congratulate themselves, therefore, on the prospect of an extension of the City Water service to that section some time during next year.

(*c*) EXTENSION OF THE UPPER SERVICE TO THE SECTION OF THE CITY EAST OF JONES' FALLS.

This extension, work on which was begun in 1903, is now completed. It involved purchasing a lot for and erecting a standpipe; laying a force main from the Western Pumping

Station in Druid Hill Park to the standpipe lot, and transferring the mains in the district from the high service to the upper service. The lot on Roland avenue, just north of the city line, which was selected by the previous Water Board, was bought from Mr. Francis M. Jencks in April for $4,500. The contract for the concrete foundations for the standpipe was awarded to James L. Robertson, of Baltimore, in April, for $3,800, and the foundation was completed early in June. The contract for the steel tank was awarded to Tippett and Wood, of Phillipsburg, N. J., in April, for $6,828, and the tank was completed in the latter part of August. It was at once tested, but owing to leaks developing, which was found difficult to stop, the standpipe was not in condition to be accepted until about the middle of October. The 16-inch force main had meanwhile been laid out to the standpipe lot. On October 18 we started pumping regularly to the standpipe, and the new upper service was turned into all high-service mains in the district bounded by Falls road, Third avenue, Beech avenue and the northern city line. The residents of that district, who have for years been subjected to inconvenience, discomfort and extra expense, on account of having poor pressure or no water at all, now have the same efficient service that practically all other sections of the city have.

The total outlay so far for this service for force main, and standpipe and lot has been $57,978.52.

While all necessary features of the system are completed and in service, as the standpipe is located in a fine suburban residence section we propose to make it and the lot on which it is located as ornamental as possible. An ornamental tower of brick and terra cotta to enclose the steel standpipe has been contracted for, and work on it has begun. It will be completed early in 1905. The grounds also will be improved by terraces, paths, shrubbery, etc., as soon as the tower is completed.

(2.) IMPROVEMENTS PROVIDED FOR FROM THE $2,000,000 1945 LOAN.

DREDGING AT LOCH RAVEN.

Dredging was resumed on April 26 at a point about 8,300 feet above the dam where we left off in 1903. The reason for our being so late in starting the dredge is that each winter all of the discharge pipe has to be taken up and stored on the banks of the lake where it cannot be damaged by the ice floes. Also as the ice breaks up in the early spring it carries away nearly all of the bents set to support the discharge pipe in position for service. Consequently each year as this work advances up the lake more time is required after the ice has left the lake to set the bents and lay the pipe. In addition to this drawback during the first two weeks of September this year the water in the lake was so low that the dredge was stranded and consequently no excavating could be done in that time. Also of course we have to stop dredging soon enough in the late fall to get the dredge, coal scow and pontoons down to the dock near the dam before ice forms to any thickness in the lake. This year we stopped work on November 28. Consequently there were not over 170 days during the year available for the actual work of dredging. Notwithstanding this however 413,912 cubic yards of material were excavated from the lake during that time. Starting on April 26, about 8,300 feet up the lake from the dam, the dredge was advanced and the lake cleared of sediment as near as possible to its original depth for about 2,300 feet further up, about 96,600 cubic yards being excavated. Most of this material was pumped over the dam. Some of the excavated material was so heavy, however, that it was found impossible to pump it down to the dam, the discharge pipe becoming repeatedly clogged. Consequently this heavy material had to be discharged into Newmarket basin at a point about 1,500 feet above the dam, and

subsequently redredged from there. About the last of August, when we had to stop dredging temporarily because of low water, it had become evident, on account of the increasing heaviness of the material to be handled and the increased pressure due to the long discharge pipe, that we had reached the limit of distance to which we could go up the lake and economically and safely pump the dredged material in one operation down to the dam. Consequently the Board decided that it was advisable to defer any further advance up the lake until next season, and to run the dredge back down the lake and clean up the heavy material temporarily discharged into Newmarket basin, and other material which had been washed into the lower end of the lake since it was first dredged. About 319,300 cubic yards of material was thus dredged from the lower end of the lake, nearly all of which was pumped into the low field below the dam.

The total cost of dredging for the year, including all repairs to dredge, machinery, launch, scows, pontoons, etc.; taking up and relaying pipe, setting bents, building and repairing berms, hauling coal, etc., was $25,176.31, or 6 5-100 cents per cubic yard for the 413,912 cubic yards excavated. This cost per cubic yard is somewhat higher than in previous years, owing to the longer discharge and harder material. Since the beginning of this work with the new dredge on June 17, 1902, 1,385,372 cubic yards of material have been dredged from the lake at a total cost for all operating expenses, repairs, berms, etc., of $85,847.48, or about 4¾ cents a cubic yard. This is about one-third of the lowest bid to do the work by contract. Next year we expect to begin dredging again at the upper end of the lake, but pumping the material behind berms on low ground, near the head of the lake, instead of the much longer distance down to the dam, and by the end of next season we should have the lake very nearly cleared of sediment.

DESIRED LEGISLATION SECURED.

INCREASING THE POWERS OF THE WATER BOARD AND REVISING WATER RATES.

Shortly after the present Water Board assumed office, in the fall of 1903, it became evident to us that the powers of the Board in relation to the application, adjustment, and abatement of water rates, compelling the payment of all plumbing bills and other charges, and preventing the waste of water, were too limited; that, because of the reduction of water rates made in January, 1902, the Department revenues were not sufficient to meet the absolutely necessary expenses; that in many cases the application of the existing rates was inequitable, and that some reductions or abatements which had been made to charitable institutions were unlawful, unwise, and discriminating; and that many of the existing statutes and regulations in relation to the water service were indefinite, confusing or conflicting. Therefore, we then resolved, as stated in our 1903 report, to attempt to secure the necessary legislation to remedy these evils and deficiencies. As we considered it desirable and advisable to incorporate in one ordinance all the required provisions to this end it was necessary, so far as securing increased powers for the Board was concerned, to have, first, a legislative Act authorizing the City Council to delegate such powers to the Board. Consequently, we prepared an Act for this purpose and submitted it to the State Legislature in February, 1904. This Act was passed, and approved by the Governor in April.

Meanwhile we had been giving the most careful and thorough consideration to the matter of revising the water rates, eliminating all conflicting regulations and remedying the evils above referred to. By the first of May we had prepared a new ordinance embodying the desired changes and requirements, and also delegating to the Water Board broad powers in the matter of applying, adjusting, and abating water rates. This ordinance was immediately introduced into the Council,

and was passed and approved by the Mayor in the early part of July, but with some modifications that will be referred to later on. All provisions of this ordinance, except those making changes in the water rates, became effective immediately upon its passage; but the new water rates do not, of course, go into effect until January 1, 1905.

THE NEW WATER RATE ORDINANCE.

With the water rates as reduced in January, 1902, the total annual revenue from water rents from all properties on the Collector's books, with every cent collected, would not exceed $700,000. In addition to the receipts from water rents, we have receipts from plumbing bills, property rents, sales of old materials, etc., aggregating about $40,000 a year, making total annual revenues, with the reduced rates, of not over $740,000. As our absolutely necessary expenses for the year 1904, for interest on bonds and operating charges, with hardly any allowance for extensions or improvements, were over $870,000, it is evident that there is an apparent deficiency of about $130,000. In drawing up the new ordinance, we believed that the water rates should be made such that our revenues from all sources would not only make up this deficiency, but also allow for such extensions and improvements as are imperative, but not advisable to provide for by loans; also for additional fixed charges certain to come for interest on expenditures to be made in the near future from the $1,000,000 1943 Loan and possibly other loans not yet authorized, and also for increased operating expenses made necessary by the growth of the city and the extension of the water system; so that no further changes in the water rates would be necessary for a period of ten years at least. With this object in view, the water rates were fixed in the ordidance as presented by us so as to increase our revenues by about $240 000, which would have made up the deficiency of $130,000, and allowed about $110,000 for increased operating expenses and fixed charges and for improvements. It also restored the rates on hose connections and houses of narrow frontage to what they were previous to 1902; increased the

flat rates on houses of wide frontage, and the meter rate for direct pressure hydraulic elevators, and established a sliding scale of reduced meter rates for all charitable, educational and religious institutions. The modifications in the ordinance as passed by the City Council were, leaving the rates on narrow houses about as they have been since January 1, 1902, and making no charge for hose connections for private houses. With these modifications, it is estimated that the ordinance will only increase our revenues by about $150,000 instead of $240,000, thereby barely making up the present deficiency and leaving practically nothing for the various necessary extensions and improvements not provided for in any loan. We believe that it is poor policy to thus hamper the work of such an important branch of the public service as the Water Department, and that the ordinance should have been passed with the rates as presented by us; and we have therefore prepared and submitted to the City Council a supplementary ordinance restoring the rates that the Council changed to the amounts which we recommended.

In addition to the increasing of our revenues, other benefits will be derived from the new ordinance. The Water Board can now make special rates for houses of wide frontage or peculiar shape on which the front foot rate would be an obvious injustice. All unjust and unreasonable discriminations in the charges to charitable institutions are eliminated, and all such institutions will hereafter pay for all water used in proportion to the degree in which they are charitable, but at such a low rate that the water bills should be no burden upon any institution deserving of consideration. Also, for the first time, some consideration is shown to all religious and educational institutions by giving them reduced water rates, the reduction being for the former 16⅔ per cent. off, and for the latter 33⅓ per cent. off from the regular meter rate. All conflicting statutes affecting the Department are now eliminated, and the Water Board will hereafter be able to force the payment of all its bills and stop all unnecessary waste of water.

ABATEMENT OF POLLUTIONS IN THE WATER SHED.

Very satisfactory progress has been made in this improvement during the year. We have secured the abatement of 46 pollutions, 31 on the Gunpowder and 15 on the Jones' Falls water shed. Forty-two of these pollutions were abated by the property owners without recourse to law, while the 4 other abatements were secured by action of the City Solicitor. About 30 of these pollutions were of the worst and most dangerous class we have in the water shed. There now remain in the water shed only 472 individual pollutions; of these, 58 are classed as house drainage pollutions, but the houses have been vacant for a long time, so that there is no actual pollution from them. Eliminating those cases, there remain 414 pollutions. Of these, 206 are barn yards and hog pens, which are only classed as pollutions by us because they are within the prescribed distance from some stream in our water shed, but most of them are kept so clean and dry that there is very little possibility of pollution from them. Eliminating these, there remain only 208 cases which offer any possibility of danger. Of these, 180 are in the three villages of Towson, Phœnix and Warren. Fourteen of these cases are now in the hands of the City Solicitor for action, including 8 in Towson. If he should be successful in forcing the abatement of these cases, as there is every reason to believe that he will be, it should result in the three villages mentioned being compelled to put in some system of filtration which will eliminate all pollutions from them.

ELIMINATION OF OFFENSIVE VEGETABLE ORGANISMS FROM RESERVOIRS.

In the early part of the summer our attention was called to a discoloration and odor of the water supplied to certain sections of the low service district. A biological examination of the water in the low service storage reservoirs, Lakes Clifton and Montebello, showed that the particular forms or species of algae which are known to give an offensive odor and taste to

water were present in considerable numbers. We took the matter up with Dr. Moore, of the Agricultural Department at Washington, who has experimented with and recommended copper sulphate for eliminating these algae from reservoirs, and in conformity with his suggestions the chemical was applied to the two lakes mentioned. The treatment was an undoubted success, not only in eliminating the offensive algae and the complaints of their bad effects in the system, but also in leaving no trace of the copper in the water in a short period after the application. The total cost of treating the two reservoirs was only $65 00. Further applications of this chemical will be made next year, if found necessary.

IMPROVEMENTS IN THE DISTRIBUTION SYSTEM.

During the year we have laid about 53,300 feet of new mains from 4 to 16 inches in diameter. Most of this was for the Eastern Upper Service force main, for extensions made necessary to supply new consumers, to connect up dead ends, or to replace old small pipe which was cut out of service and abandoned. During the year our attention was called to the lack of sufficient large mains for proper fire protection to the lumber yard district in the vicinity of the City Dock, and we laid a number of additional 6-inch and 10-inch mains there to increase the supply of that section. We also have plans made to still further safeguard that section by laying next year a new 16 inch main to it from one of the 40-inch mains in Washington street. We have also continued the work, which we begun about three years ago, of systematically cleaning up the distribution system, by cutting out of service over 28,000 feet, or over five miles, of old 3, 4, 4½ and 6-inch mains which were weakened by corrosion and choked up with sediment, and transferring over 1,200 services from these old mains to new or larger mains in the same streets. We have also inserted over 1,700 new service connections, and erected 90 new fire hydrants, nearly all of the latter being of our new improved pattern, including 30 double-steamer nozzle hydrants erected at important locations in the business section of the city.

EXTENSION OF THE METER SYSTEM.

In addition to the metering of a large number of charitable, religious and educational institutions, in preparation for placing such institutions under meter rates from January 1st, 1905, as required by the new water rate ordinance, we have continued the work of extending our meter system to cover miscellaneous classes of property, other than private houses, which use comparatively large quantities of water. We have now practically completed the work of metering the following classes of property: Drug stores having soda fountains, bottling houses, packing houses, livery stables, hotels, restaurants and large boarding houses; also we have put meters on a number of saloons and warehouses to the extent that our appropriation would allow. We have placed in all over 300 meters in this way during the year. It is our purpose to continue this work until practically all large buildings and large consumers in the city, other than private houses, are metered, as we believe it is for the best interest of both the department and the properties affected.

IMPROVEMENTS IN ACCOUNTING AND RECORDING SYSTEM.

During the year we have been changing our accounts and records from books to the modern card system. All general ledger, stock, cost, construction and meter accounts, accounts payable and water shed pollution records are now kept on cards, enabling us to do away with the cumbersome books, making all information much more available for reference, and saving a great deal of time in making entries and making up totals. The accounting system of this Department is now as perfect and up to date as it is possible to make it.

This year has been the first complete year of operation with all of our automatic recording gauges, Venturi meters and other appliances for accurately measuring the flow of our sources of supply and the distribution and amount of our consumption. Consequently we are enabled to present for the first time a complete and accurate record of this valuable information for the whole year.

INSPECTION OF FIRE SERVICES.

Owing to the increased demands of fire insurance companies and the development of modern appliances for fire protection, the number of properties having private fire service connections from our mains has so increased of late that we have found it necessary to make a complete and exhaustive inspection of these services, and to adopt some regulations under which such services shall be granted. During the year we have inspected 184 of these services, covering practically all of the largest properties in the city, and have obtained all information in detail as to the number, kind, size, capacity, and arrangement of all private fire service fixtures on these properties. In making this inspection we found 9 large properties which had a secondary supply from a contaminated source, like Jones' Falls or the Basin conected to the regular city water service. As this arrangement is dangerous and liable to seriously contaminate the water in the city mains in the vicinity of these properties, we have compelled them to shut off entirely from the secondary source.

WATER SERVICE AT THE FIRE.

The great fire of February 7 and 8 caused of course the greatest drain on our water supply that has ever occurred, and gave us the first real test of the benefits and value of the improvements which have been made in the system in the last few years. We have reason to congratulate ourselves on the satisfactory manner in which the system met the extraordinary demands of that emergency. The enormous amount of water used for fire service and wasted through hundreds of broken service pipes would have in some cities caused a serious reduction of pressure, and probably have exhausted the supply. The excess consumption for the two days of the fire was about 106,000,000 gallons, or over 80 per cent. above the normal consumption, while for the week of the fire, from February 7 to 14, the total excess consumption was about

170,000,000 gallons, or about 40 per cent. above the normal. Nothwithstanding this, by pumping from one of our pumping stations into the Middle Service mains feeding the fire district, and by opening the Middle Service mains into the Low Service there, as the fire progressed, we were able to so maintain the supply and pressure that there were no complaints of a lack of water at any point. Also, with the gates at our impounding reservoirs adjusted to deliver to the city only the normal consumption, the excessive consumption of the two days of the fire did not lower any of our storage reservoirs in the city by over 2½ feet.

While practically all of the service pipes and meters on private property in the Burnt District were destroyed, very little damage was done to any part of our distribution system there, only a few hydrants and meters being destroyed or damaged. Notwithstanding this, however, we propose to take the opportunity to completely revise and enlarge and greatly improve the distribution systems in the Burnt District next year.

In connection with this matter we desire to publicly commend the following employees of this Department for having on their own initiative acted so promptly and intelligently on the two days of the fire to see that the pressure and supply of water in the Burnt District was kept up, and to protect the property of this Department in the City Hall, and the Old City Hall from damage by fire. These men are George R. Truelove, Superintendent of the Construction Division; Edward G. Rost, Superintendent of the Mechanical Division; Mark Gorman, General Foreman Construction Division; J. T. Omohundro, Chief Engineer Mt. Royal Pumping Station; Wm. J. West, Draftsman and Assistant Engineer on the Distribution System, and Thomas P. Bolgiano, Clerk of the Engineering Division.

PLANS FOR GENERAL IMPROVEMENTS TO THE WATER SERVICE.

It is right and proper that we should take notice in this report of the important developments in relation to the water service resulting from the general movement for public improvements brought about by the great fire. We also feel that we should in this public manner express our gratification that the General Improvement Conference, called by His Honor the Mayor, included the water works system in their investigations and considerations, and our appreciation of the courtesy shown us by the Conference Sub-Committee on Water in inviting us to give them our views as to the most important and essential developments necessary for the improvement, protection and preservation of the water supply. In response to the invitation, we notified the committee mentioned that we considered the most important necessary developments to be the acquisition of the water shed of the Gunpowder River, and the building of a large storage lake somewhere in that water shed above Loch Raven, but off from the main stream ; the former to protect the stream from all pollution and silting and to equalize the run off from the water shed as much as possible ; and the latter to hold back above Loch Raven, for use in time of drouth, some considerable proportion of the enormous quantity of clear water wasted every year over Loch Raven dam because of our not having sufficient storage capacity to retain it.

The Sub-Committee on Water mentioned, after a full discussion, investigation and consideration of the matter, endorsed our suggestions, and have made some recommendations to the General Improvement Conference which, if adopted and carried out, will be of the greatest benefit to our water service. The most important of these recommendations are : That $25,000 shall be at once appropriated from the $1,000.000 1943 Water Loan for a complete survey of the water shed of the Gunpowder River, to determine the best sites for and the possible cost of one or more large storage

lakes, and also to determine the location and extent of land in the water shed that it may be most imperative to acquire in the near future for the protection and purification of the supply; and that an Enabling Act shall be introduced into the Legislature at the next session in 1906, to authorize the expenditure of as many million dollars as may be found necessary to acquire such land and build such storage lakes.

We earnestly hope that these suggestions will be adopted and that the appropriations and the loan will be provided for this important work.

ALFRED M. QUICK, President,
JOHN E. SEMMES,
LOUIS A. DIETER,
J. EDWARD RICHARDSON,
OSCAR E. ROSS,
Water Board of Baltimore City.

REPORT OF AUDITING DIVISION.

BALTIMORE, December 31, 1904.

MR. ALFRED M. QUICK, *Water Engineer.*

DEAR SIR:—I herewith submit the report of the Auditing Division for the year ending the above date.

This Division during the year has kept the books of the Department, showing its accounts with outside parties and with other departments of the city government, has kept a record of all receipts and disbursements; has made up payrolls and paid off all employees; has ordered all materials, taken all inventories and kept stock ledgers; has kept a record of all work done on shop orders, checked and compared all bills, drawn up all warrants and kept a record of rents, insurance, etc. Careful attention has been given during the year to the placing of all orders for supplies required by the Department not covered by contract—competitive prices being always obtained—except for small emergency orders.

Collections (for account of sales of old materials) have been followed up very closely by correspondence, etc.

I am again able to report the most excellent results from the system of accounts inaugurated in 1900—the bookkeepers and stock clerks gaining each year a clearer understanding of the details—the difference between the inventory and the stock ledgers of the Mechanical Division being only $10.41 out of a total stock of $125,988.50; and $2.91 out of a total stock of $5,926.00 at the Construction Division. The stock of the Mechanical Division has been transferred during the year to the new storehouse and as a result of having it more systematically arranged there, owing to the better facilities afforded, we were enabled to take it in about two weeks less than the usual time.

During the year just closed the card ledger system has been extended to the Stock Accounts of the Mechanical Division, to the General Accounts at the Construction Division and has

superseded our old method of keeping the records of pollutions, etc., affecting the Water Shed. At the Construction Division this system takes the place of eight ledgers used annually and means a saving to the Department each year of about $240.00 in stationery and a saving of about two months in time—the details being so arranged as to make it possible to assemble all the data necessary for the annual report of that Division in about two hours instead of about two months as required heretofore.

The card system installed for the keeping of the record of pollutions, etc., affecting the Water Shed will be a complete record of the (about) 2,550 properties affecting the different streams—each property having its own card—and will contain a complete record, when affected, of the character of pollution or nuisance and of partial and complete abatements of same. This arrangement is self-indexing and takes the place of two large records and an index book. The extension of the card-ledger system above referred to completes the work of putting the Department books and records on a modern method basis, showing in the simplest manner everything of value for reference or comparison as to its real estate, construction, operations, loans, sinking funds, appropriations, stock, and all other matters of value.

I present herewith the annual statements showing the assets and liabilities of the Department, the gross receipts and total disbursements, disbursements in each of our three appropriation accounts and a statement of stock on hand December 31, 1904.

The work of the employees of this Division has been eminently satisfactory during the year just closed, and I again take pleasure in commending them for the able, intelligent and conscientious manner in which they have performed their respective duties, and their cheerful response to every request I have made of them.

Respectfully yours,

CHAS. W. NAGLE, *Auditor.*

DEPARTMENT OF PUBLIC IMPROVEMENTS.

SUB-DEPARTMENT, WATER BOARD.

STATEMENT OF ASSETS AND LIABILITIES TO DECEMBER 31, 1904.

ASSETS.	Accounts Receivable.	Tools and Machinery.	Furniture and Fixtures.	Horses and Wagons.	Mains Laid, Etc.	Land, Construction and Real Estate.	Sinking Funds.	Stock on hand Dec. 31, 1904.
Water Board	$ 65,401 35	$ 44,868 07		$ 544 40	$4 348,912 52		$2,818,162 84	$ 6,246 59
Construction Division		7,533 49	$ 871 15	6,012 30				5,926 00
Mechanical Division		12,875 57	118 85	1,518 15				126,201 69
Western Pumping Station		74,299 62	156 07	264 40		$ 53,577 00		
Eastern Pumping Station		87,482 01	1,182 46			109,014 06		
Mt. Royal Pumping Station		135 054 64	1,360 33			240,891 00		
Machine Shop		13,782 76	96 45					
Lake Montebello		354 80	22 00	809 00		1,149,648 07		
Lake Clifton		6,088 85		37 15		729,832 63		
Mt. Royal Reservoir		9 05				133,162 35		
Druid Lake		9,006 84	16 75	230 50		1,334,573 92		
Hampden Reservoir		170 65				226,043 53		
W. H Service Reservoir		40 50				112 518 57		
Guilford Reservoir		49 85	3 00			162,671 24		
Loch Raven		113,243 79		2,746 75		880,516 64		
Water Shed Patrol				150 00				
Gunpowder Conduit						1,779,610 24		
Lake Roland		663 90	25 00	284 00		378,606 20		
Jones' Falls Conduit						569,043 35		
West Arlington Standpipe		80 65				41,732 74		
Roland Standpipe						14,978 00		
Engineering Division			1,060 50					666 60
Auditing Division			302 45					25 00
Total accounts receivable	$65,401 35							
Total tools and machinery	505,605 04	$505,605 04						
Total furniture and fixtures	5,215 01		$5,215 01					
Total horses and wagons	12,596 65			12,596 65				
Total Mains laid	4,348,912 52				$4 348,912 52			
Total land, construction and R. E.	7,976,419 54					$7,976,419 54		
Total sinking funds	2,818,162 84						$2,818,162 84	
Total stock on hand	139,065 88							$139,065 88
Total assets	$15 871,378 83							

Liabilities.	Accounts Payable.	Loans
Water Board	$15,333 93	$9,500,000 00
Total accounts payable	$15,333 93	
Total loans	9,500,000 00	$9,500,000 00
Total liabilities	$9,515,333 93	

Total assets	$15,871,378 83
Total liabilities	9,515,333 93
Excess assets over liabilities	$6,356,044 90

RECEIPTS.

Division	ITEMS.	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Construction	New services inserted	$134 00	$138 60	$1,222 00	$1,400 00	$2,076 00	$1,584 00	$1,474 00	$1,788 00	$1,480 00	$1,636 00	$1,766 00	$ 670 00	$15,368 00
	Meter supplies inserted		275 38	531 97	51 79	147 94	329 82	610 58	1,089 61	1,970 75	378 94	1,211 61	1,545 99	8,144 38
	Repairs	198 04	892 95	345 64	454 52	740 22	774 84	896 15	919 37	3,253 50	1,130 92	1,494 43	2,020 79	13,121 37
	Sand, etc													
	Totals	$332 04	$1 306 33	$2,099 61	$1,906 31	$2,964 16	$2,688 66	$2,980 73	$3,796 98	$6,704 25	$3,145 86	$4,472 04	$4,236 78	$36,633 75
Mechanical	Scrap			$1,203 13								$1,320 13		$2,523 26
	Old brass													
	Pipe and castings	3 02			2 85	584 39						37 24	7 82	635 32
	Coal													
	Miscellaneous	57 95	56 31	55 82	75 00		33 70	11 00		153 30		214 50	28 50	686 08
	Totals	$60 97	$56 31	$1,258 95	$77 85	$584 39	$33 70	$11 00		$153 30		$1,571 87	$36 32	$3,844 66
County	Hay, fodder, etc	$266 56	$177 62	$120 76	$271 21	$412 50	$55 37	$17 38	$122 15	$38 00	$951 06	$155 08	$244 38	$2,832 07
	Horses, mules, wagons, harness										9 02	4 00		13 02
	Wood	9 00	14 25	39 50	4 00	19 84	1 00	2 00	5 00	5 25	9 49	1 75	1 00	112 08
	Sand					20	1 80	20 40	1 10				10 25	33 75
	Ice					12 19		6 36	131 12	14 03	39 53		25 14	228 37
	Rent	18 00	118 00	93 00	18 00	18 00	18 00	18 00	18 00	18 00	83 00	18 00	18 00	456 00
	Totals	$293 56	$309 87	$253 26	$293 21	$462 73	$76 17	$64 14	$277 37	$75 28	$1,092 10	$178 83	$298 77	$3,675 29
	Grand total	$686 57	$1,672 51	$3,611 82	$2,277 37	$4,011 28	$2,798 53	$3,055 87	$4,074 35	$6,932 83	$4,237 96	$6,222 74	$4,571 87	$44,153 70

SUMMARY OF DISBURSEMENTS AND RECEIPTS FOR 1903-4.

DISBURSEMENTS.

ITEMS	December	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Books, stationery and printing	$190 10	$81 60	$237 55	$253 33	$150 46	$153 53	58 15	75	162 48		621 92	$110 50		$2,020 37
Drawing materials	5 75		3 25	3 00	26 20	6 00	11 44				12 24			67 88
Furniture and fixtures		101 69	23 50		35 00	142 90			65 56		43 05	459 57		871 27
Fuel	751 00	5,530 78	9,684 16	6,714 88	1,585 36	3,042 98	5,897 01		9,620 75		7,449 86	2,158 03		52,434 81
Labor	2,480 92	13,359 15	15,050 11	21,594 53	16,715 57	17,700 78	17,717 80	21,574 73	18,509 30	21,091 65	18,624 91	18,005 44	$19,407 25	221,832 14
Hauling	965 07	81 31		260 66	194 50	146 25			375 38		418 69			2,441 86
Hardware	53 55	48 25	112 21	69 16	96 10	192 02	84 75		27 70		501 71	79 38		1,273 36
Tools and machinery	213 00	24 85	268 63	265 37	177 13	301 00	74 47		354 80		63 03			1,733 75
Cast iron pipe				10,904 38	3,816 64				5,228 41		5,253 70	3,360 61		28,563 74
Cast iron pipe fittings	647 43	280 60	1,456 31	196 86	913 59	1,121 28	668 43		2,451 82		2,236 57	859 47		10,832 36
Special iron castings	365 87		425 12	55 23	504 53	907 44	444 19		1,215 19		1,596 01	1,737 69		7,251 27
Valves			512 13		31 35							29 40		572 88
Wrought iron pipe and fittings	72 12	16 47	29 22	104 31	148 44	150 22	77 97		341 75		210 68	146 20		1,297 38
Service pipe	53 30			185 02	1,248 27	1,024 08	96 11		1,587 74		191 80	1,685 77		6,072 09
Brass service pipe connections	891 12			665 13		533 10			521 80		1,201 55	1,736 50		5,549 20
Brass castings		157 12	78 22	558 64		181 16			2,001 75		739 30	1,172 65		4,888 84
Bar iron and steel	6 98	25 50	8 88	73 36	29 29	1 79	1 51		27 45		14 80	55 95		245 51
Meters	3,342 54	241 54	181 72	1,564 75	172 09	1,765 36	659 50	10 36	2,818 66	40	866 28	13,503 66		25,126 86
Lead			1,546 47			1,545 65					4,927 21			8,019 33
Lumber	152,78	382 29	40 97	204 59	263 06	83 56	279 09		275 05		367 41	140 66		2,189 46
Rope and waste							41 09		167 31		617 37	145 43		971 20
Grease, paints and oils	227 80	400 79	1,229 52	1,142 82	205 17	160 20	658 81		695 27		411 94	103 50		5,235 82
Rubber and packing	35 36	18 66	138 98	91 36	138 69	702 75	79 52		955 81		423 82	69 01		2,653 96
Brick, stone and cement	80 39	40 58	7 76	205 53	378 16	93 61	105 12		223 33		254 20	94 10		1,482 78
Sand, gravel and ashes	15 75		33 60	65 00	43 46		44 20		48 45		42 70	31 20		324 36
Asphalt paving	41 29	7 75		19 95		187 92	365 00		446 19		239 68	320 29		1,628 07
Feed	135 58	110 62	140 30	150 82	119 31	73 28	181 07		238 77		328 74	193 79		1,672 28
Insurance				16 00			36 00				250 00			302 00
Current expenses	380 20	719 77	561 83	640 54	572 58	344 93	622 11	10 85	1,169 06	179 77	1,248 78	575 87		7,026 29
Sundries	3,335 54	109 07	829 42	574 60	479 93	453 36	515 33	8 37	1,004 79	1 50	1,365 95	975 33		9,651 19
Salaries	6,994 99	6,934 50	6,814 99	6,821 99	6,907 32	6,929 99	6,929 99	6,929 99	6,906 66	6,733 35	6,763 35	6,704 99		82,448 41
New storehouse—Gay-Street Yard		2,764 92					21 86							2,786 78
Roland avenue standpipe lot				4,500 00										4,500 00
Roland avenue standpipe foundation						3,800 00								3,800 00
Land pipe, Loch Raven dredge									481 25					2,021 25
Steel tank, Roland standpipe							3,369 94		2,149 33			1,207 69		6,726 96
Totals	$21,438 43	$31,437 81	$39,414 85	$57,901 81	$34,950 20	$43,285 14	$39,040 46	28,535 05	$60,071 81	$28,006 67	$57,287 25	$55,662 68	$19,407 25	$516,515 71

Less cash for installation of Meters 10,267 71

Total $506,248 00

STATEMENT OF EXPENDITURES FOR 1903-4.

CHARGED TO $2,000,000 LOAN.

Months	Fuel	Labor	Tools and Hardware	Meters	Valves	Wrought Iron Pipe and Fittings	Bar Iron and Steel	Lumber	Rope and Packing	Grease, Waste, Patchstand Oils	Rubber	Current Expenses	Sundries	Lead Pipe	Totals
[illegible]		$1,501 76	$8 64			$ [illegible]		$ [illegible]		$ 10 62			$ 5 52		$1,778 86
[illegible]		1,273 83						3 61		174 91		$32 35	12 75		1,335 50
[illegible]		1,696 46	11 29							27 89		18 29	88 12		1,617 12
March		1,487 55	14 53	$ [illegible]		$ 21	11 83			196 92		16 03			1,696 34
April		1,137 46	1 10	1		2 74	11 74			23 03		2 25			1,182 25
May		1,135 69	19 91								$666 68	6 15	90 39	$1 50 [illegible]	1,955 32
June	$412 80	1,226 74				[illegible]	88 62			118 69		26 50	6 48		2,879 03
[illegible]		1,273 80													1,273 80
August	284 30	1,438 14	8 53			2 [illegible]	1 41			[illegible]	29 [illegible]	21 15	21 41	491 26	3,317 22
September	1,695 [illegible]	1,262 [illegible]										14 15		...	3,112 36
October	1,080 80	1,137 16	17 3			9	2 11			283 [illegible]	15 [illegible]	13 [illegible]	111 96		3,021 96
November	42 [illegible]	1,107 12	2 20				6 [illegible]	1 [illegible]	[illegible]	15 [illegible]		6 15	1 [illegible]		1,944 87
[illegible]															
Totals	$4,[illegible] 43	$15,242 96	$84 21	$ [illegible]		$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$1,411 [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$2,021 25	$26,176 11

Months	Meters	Salaries	New Storehouse and Shop Yard
December	$1,[illegible] 81	$ [illegible] 16	
January	211 81	[illegible]	$ [illegible] 52
February	181 [illegible]	[illegible] 25	
March	1,081 25	[illegible] 15	
April	422 [illegible]	[illegible] 86	
May	1,[illegible] 46	[illegible] 11	
June	[illegible]	[illegible]	41 [illegible]
July	[illegible]	[illegible]	
August	2 [illegible] 66	[illegible] 32	
September	[illegible]	[illegible] 36	
October	[illegible]	[illegible]	
November	[illegible]	[illegible]	
December	$ [illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
Totals	$ [illegible]	$ [illegible]	$ [illegible]

CHARGED TO WATER ENGINEER'S DEPARTMENT. EXPENSE ACCOUNT.

Months	Books, Stationery and Printing	Drawing Materials	Furniture and Fixtures	Tools	Labor	Heating	Hardware	Tools and Machinery	Cast Iron Pipe	Cast Iron Pipe Fittings	Special Iron Castings	Valves	Wrought Iron Pipe and Fittings	Service Pipe	Brass Service Pipe Connections	Brass Castings	Bar Iron and Steel	Meters	Lead	Lumber	Rope and Waste	Grease, Paints and Oils	Rubber and Packing	Brick, Stone, and Cement	Sand, Gravel, and Ashes	Asphalt Paving	Lead	Plumbers'	Current Expense	Sundries	Salaries	Total
[illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]		$ [illegible]	$ [illegible]	$ [illegible]		$ [illegible]			$ [illegible]		$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]	$ [illegible]		$ [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

DEPARTMENT OF PUBLIC IMPROVEMENTS.

SUB-DEPARTMENT, WATER BOARD.

STATEMENT OF RECEIPTS AND DISBURSEMENTS, 1904.

By amount received from Water Rents	$523,666 55	
Less refunded	1,165 73	
	$522,500 82	
Less Discount	13,618 74	
		$508,882 08
By Interest on back Water Rents		1,989 30
By Meter Rents		273,268 54
By amount from installation of New Meters		10,267 71
By Turn-Offs		1,160 00
By Vacancies		215 00
By Plumbing Bills		23,540 93
By Wages returned		23 48
By Rents and Sales of Materials		7,488 87
By amount received from Burnt District Fund		3,000 00
By amount received from Burnt District Fund		70,000 00
		$899,835 91

Disbursements.

Water Engineer's Department—		
Expenses	$385,545 57	
Salaries	82,448 41	
Collector Water Rents and Licenses—		
Expenses	2,286 46	
Salaries	21,554 21	
Interest	380,700 00	
		$872,534 65
Balance returned to Burnt District Fund, as required by Ordinances		$27,301 26

ENGINEERING DIVISION.

BALTIMORE, December 31, 1904.

MR. ALFRED M. QUICK, *Water Engineer.*

DEAR SIR:—I herewith submit my report of the operations of the Engineering Division for the year ending December 31, 1904.

During the year this division has been engaged in its usual work of preparing plans for work done by the Construction and Mechanical Divisions, preparing plans for and supervising work performed for the Department by contractors, and making the usual inspections, tests, etc.

This Division has been called upon to make twenty-one surveys in cases of pollution on the water sheds, and to make inspections in cases of suspected pollution as follows: twenty-four at Towson and vicinity, eleven on the Jones' Falls and seven on the Gunpowder water sheds. Nine samples of water were taken from streams, tributary to the water supply, for analysis.

The Venturi meters at Druid Lake and Lake Clifton and the water stage registers at Lake Roland and Loch Raven have been kept in continuous operation during the year, and the attached table showing the consumption of water by the city, the flow of the streams, etc., has been computed entirely from the records taken from these instruments.

During periods of greatest consumption, especially during the great fire of February 7 and 8, one of the thirty-inch meters at Druid Lake failed to register the full amount of water passing through the tube, the capacity of the register being too low. By advise of the builders, a fourteen-inch throat piece was substituted for the original ten-inch throat, which, with changing

certain gears in the register, has increased the capacity of the meter ninety-eight per cent. without in any way impairing its correctness. Since the change no trouble has been experienced, and in the event of another large fire or other extraordinary draw on the supply, the extra amount of water used can be shown to a nicety.

The plans for extending the upper service to the section east of Jones' Falls have all been executed, except the erection of the masonry tower around the standpipe, and since October 18 all that district laying north of Third avenue, between Falls road and Beech avenue, has been supplied from the new Roland standpipe, erected on Roland avenue, north of the city limits. It is to be regretted that no streets or avenues are now opened so that this service could be extended across the valley of Stony Run to supply the residents in the vicinity of York road and the northern city limits, which is now supplied from the Eastern High Service, but which, owing to the high elevation, has very poor pressure.

The contract for building the foundation for the standpipe was awarded April 18 to Mr. Jas. L. Robertson, at his bid of $3,800.00. Work was begun promptly and completed in a satisfactory manner on June 3. The foundation is of solid concrete masonry of octagonal form, containing six hundred cubic yards.

The contract for the steel standpipe was awarded April 11 to Messrs. Tippet & Wood, of Philipsburg, N. J., at their bid of $6,828.00.

The work of erection was begun about July 1, and completed and filled for test on August 23. On October 18 all leaks having been recaulked and defective work replaced, the standpipe was accepted and put into service at once. Since that date no leaks have developed, and as the tank has been subjected to vibrations, caused by high winds, without developing leaks or other defects, it can be regarded as entirely safe for the future.

The standpipe is designed according to the best modern practice and is constructed throughout of mild steel. It is

ninety-two feet six inches high, ninety feet to top of overflow pipe and twenty feet in least diameter. The plates vary in thickness from eleven-sixteenths of an inch at the bottom to one-quarter of an inch in the three top courses. The vertical joints in courses, No. 1 to No. 6, are double riveted double strap butt joints; in courses No. 7 to No. 15, double riveted lap, and in courses No. 16 to No. 19, single riveted lap joints. The bottom plate is three-eighths of an inch thick and is secured to the bottom course by riveting through a four by four inch angle on the inside and outside. A four by four inch angle is riveted around the top to give the required stiffness to the structure where the plates are light. A sixteen-inch riveted steel overflow pipe is connected to a drain at the bottom and extends up ninety feet, being attached to the shell by steel braces at every second course. A winding stairway is carried around the outside to provide access to the belvedere of the enclosing masonry tower which is designed to be built around the tank.

All the plans, drawings, etc., for the masonry tower have been completed, and the full size details for stone, terra cotta, etc., are now in course of preparation. The contract for building the tower was awarded to Messrs. John Stack & Sons on November 21, at their bid of $25,114.00. Weather conditions have been unfavorable for building operations since the contract was awarded, and very little work has been done. The contractor has arranged for the prompt delivery of materials so that the work can be pushed to an early completion in the spring.

Designs have been made for a number of jigs, templets, etc., for use in making the various parts of fire hydrants.

A great deal of study was given to this matter in order that work in the shop might be done in accordance with the best modern machine shop practice. All have been made, and since being in use a substantial decrease in the labor cost in making fire hydrants has been noticed.

One of the results of the great fire was to call the attention to the inadequate fire protection existing in the district east

from Jones' Falls to Bond street, and between Eastern avenue and the water front.

A careful inspection and study of this district showed that the business carried on there is of a most inflamable nature, being mostly box factories, planing mills, furniture factories, lumber yards, fertilizer works, etc., and that the mains were too small and not laid in a manner to give the protection demanded by the existing conditions. To remedy this condition a sixteen-inch main was planned to be laid from Eastern avenue and Ann street to Canton avenue to East Falls avenue, with ten-inch branch lines in the intersecting streets and around the water front, abandoning all the old three and four-inch mains, connecting all existing fire hydrants and private fire services to the new mains and erecting nineteen new fire hydrants.

This work has been executed by the Construction Division, except the sixteen-inch main, which was postponed on account of the lack of funds. The cost of the work and detailed information as to the location of the mains will be found in the report of the Sueprintendent of the Construction Division.

That the efforts of this Department to improve that section were appreciated by the business men is attested by the prompt and obliging manner in which all obstructions were removed from the streets to give a clear way for the construction of the work.

All the meters in service have been regularly inspected, quarterly readings taken and the accounts turned over to the Collector of Water Rents and Licenses for collection.

The total quantity of water registered by meters during the year was 4,912,217,324 gallons, an average per day of 13,421,-358 gallons, showing a decrease in the total metered consumption of 562,081,568 gallons and 1,576,697 gallons in the average daily consumption from last year. This decrease is caused by the withdrawal of a large number of meters from the Burnt District, which have not been returned to service, also that many of the large buildings which have been rebuilt since the fire are provided with electric elevators.

The total consumption of water by the city does not show a corresponding decrease from last year owing to the enormous quantity used during the great fire and wasted immediately after through broken services, etc., and the large quantity of unmetered water used for building purposes in the Burned District.

In accordance with Ordinance No. 327, approved July 5, providing special water rates for all charitable institutions, schools, colleges, etc., the inspectors of this division were at once detailed to inspect all institutions coming under the provisions of that ordinance, for the locations of the meters, etc. Owing to the limited time and the great amount of work involved, all could not be inspected and metered before the close of the year, but the work is well in hand and is progressing rapidly.

The meter-testing room remains in good condition and has been improved by the addition of a small tank and scales for testing meters from five-eighths to two inches, which allows a more refined test to be made than could be accomplished on the large tank and scales.

A systematic inspection of all private fire services was begun during the year. All manufacturing plants, warehouses, stores, etc., known to be provided with these services were inspected, and full data as to the nature of the apparatus used in each case was obtained for record in this office.

When all existing fire services have been inspected, it is the intention to have regular inspections at stated times to see that these services are used for fire protection only.

As the number of applications for special services for fire protection is constantly increasing, and the demands of the applicants are for larger services, I would strongly recommend that the Board adopt some definite regulations for the government of the Department in granting such services and the use of them by the consumers. At the present time there is only one condition imposed, that is, that a fire service shall be used for fire protection only. Our inspections fail to show any wil-

ful violation of this condition, but in many cases there are connections, etc., by which, through ignorance or carelessness, much water might be used from fire services for which the Department would receive no revenue.

The work in connection with meters, service connections and fire services is assuming such proportions that I would recommend that a new division be organized, with a competent head, to have entire charge of this class of the work. At the present time this work is divided among four divisions of the Department, and as the head of each division has other work claiming his attention, the meter work is necessarily a side issue with each. To get the best results, this class of work requires close and constant attention to details. I am, therefore, of the opinion that a good business policy demands a change from the present methods.

The work of the Department during the year has not been of such a character as to call for a large number of special drawings, therefore, much time has been given to plotting mains on the sectional maps, which are now nearly completed.

The following is a summary of the special plans made during the year:

Drawings for jigs, templets, chucks, etc., for making parts of new style fire hydrants. Trusses under winding machinery on the dredge Julia, at Loch Raven. Special pipe connections at Western Pumping Station for connecting Eastern Upper Service. Concrete foundation for Roland Standpipe. Contour plan of Roland Standpipe lot. Land pipe for dredge Julia. Plans for altering Venturi meter No. 222. Plan for vitrified brick paving at Gay street yard. Supplemental plan of Roland Standpipe, showing starting point of stairway. Twenty-four-inch manhole frame, cover and dome. Plan for rearranging meter service at Baltimore Bargain House. Blue print tray. Yoke of adjusting Union meters. Plans, elevations, sections and details for Roland Standpipe tower. Plan for pipe crossing Eden street sewer at Lancaster street. Yoke for removing gear from Union meters. Table for computing sinking funds.

Engineering work done as follows:

Establishing grades for laying pipe in McComas street, Port street, Tenth street and Chesapeake avenue. Laying out lines and grades for Roland Standpipe foundation. Inspection and superintendence on Roland Standpipe foundation and tank. Measurements, plan, etc., for carrying ten-inch pipe over Fort avenue bridge. Locating valves, branches, etc., on mains and plotting same on maps. Making monthly estimate of dredging done at Loch Raven. Estimating quantity of water consumed by the city each month, flow of the streams, water wasted, etc.

Specifications prepared. Steel tank for Roland Standpipe. Land pipe for dredge Julia. Lead. Foundations for Roland Standpipe. Coal. Vitrified brick paving at Gay street yard. Masonry tower for Roland Stanpipe. Department supplies for the year.

The force of this division, in addition to myself, consists of one civil engineer, one architectural draftsman, three mechanical draftsmen, one clerk, one meter tester, four inspectors of meters, services, and fire services, and two rodsmen. Two resignations were tendered during the year, Mr. Frank Phillips, meter tester, resigned January 9; the position was filled by the appointment of Mr. H. N. O'Brien. Mr. William W. Cushing, draftsman, resigned September 29.

I again take pleasure in reporting that all of the employees of this division have performed their duties well and conscientiously, and have responded cheerfully to every request I have made of them.

Respectfully submitted,

ROBERT L. CLEMMITT,
Assistant Engineer.

RESUME OF THE WORK DONE.

1904.	Plans Made for Extension of Mains.	Miscellaneous Plans and Drawings.	New Branches Located.	Valves Located.	Fire Hydrants Located.	Fire Services Inspected	Services Connections Located.	Fire Services Located.	Plumbing Connections Inspected.	Meters Tested.	Meter Supplies Located.	Special Inspections Meters and Indicators.	Meters Read.	Minor Repairs to Meters in Place.	Complaints Investigated.
January.....	5	4	13	10	1	....	39	3	130	35	35	66	293	29	60
February ..	1	1	18	25	1	.....	63	4	104	57	22	51	81	11	71
March	8	2	18	30	2	....	147	4	178	44	23	99	2276	29	49
April.....	5	2	29	24	3	56	166	1	96	63	37	104	169	37	106
May.....	8	1	27	30	9	47	238	1	93	64	36	167	176	48	60
June.....	33	1	30	41	12	25	206	7	104	49	16	203	2491	65	63
July.....	13	1	36	59	20	4	231	2	111	60	40	194	254	60	50
August	8	4	35	32	13	1	151	15	82	39	22	205	235	37	45
September.	15	2	18	23	8	5	248	5	90	18	19	181	2592	28	35
October.....	9	2	12	22	3	21	191	13	75	36	24	196	181	76	28
November..	8	2	7	20	1	22	249	3	91	109	80	165	156	38	40
December..	3	0	3	14	1	25	105	8	56	239	76	238	2596	48	5
Totals.....	116	22	246	330	74	206	2034	67	1210	813	430	1869	11,500	506	612

625,340,000	822,622,350	702,010,000	621,250,000	650,450,000	631,830,000	654,940,000	660,390,000	630,340,000	618,641 000	55
102,480,000	163,821 000	80,290,000	136,945,000	158,740,000	161,420 000	156,490,000	81,150,000	36,015,000	143,470,000	13
138,530,000	180,500,000	121,850,000	143,855.000	150,550,000	153,620,000	157,100,000	130,190 000	122,850,000	145,620,000	14
140,370,000	247,000 000	165 360,000	173,000,000	228,150 000	230,150,000	232 970,000	196,440 000	181,830,000	215,950,000	20
34,542,640	59,089,008	29,055,312	14,544,680	.....	.....	25,096,377	24,566,000	29,000,000	20,876,680	3
.....	.....	149,960,756	.....	.....	.....	.....	283,431,302	215,413,797	.....	.....
.....	307,172,350	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	57,290,000	.....	.....	.....	.....	57,000,000	24,995,000	.....	.....
415,922,640	343,837,658	489,066,068	468,344,680	537.440,000	545,190,000	571,656,377	658,777,302	587,113,797	525,916,680	52
253,304,346	240,679,819	272,434,068	268,023,589	284,117,191	296,270,409	249,379,905	288,461,602	261,422,160	263,472,701	23
452,078	370 983	521,476	559,150	356,904	549,236	1,040 970	465,958	1,126,230	553,201	
.....	.....	.....	.....	32,923,866	.....	.....	.....	.....	.....	.....
.....	125,000	.....	150,000	.....	125,000	.....	250,000	.....	.....	.....
450,000	.....	150,000	.....	450,000	.....	.....	.....	125,0 0	125,000	.....
253,306,424	241,175,802	272,805,544	268,732,739	316,947,961	296,944,645	295,420,875	289,177,560	262,423,390	263,900,902	23
499,248,971	514,228,743	537,001,109	510,376,801	553,360,306	565,932,692	592,659,719	589,298,464	573,165,004	552,783,953	51
357,493	195,344	394,519	278,336	292,380	764,948	648,600	287,273	836,284	426,441	
1,000,000	990,000	.....	2,425,000	.....	.....	300,000	2,300,000	.....	1,450,000	
34,512,640	59 089,008	29,055,312	14,544,680	.....	.....	25,096,377	24,566,000	29,000,000	20,876,680	3
.....	.....	2,125,000	.....	850,000	3,575,000	.....	.....	1,725,000	.....	.....
466,063,824	456,325,079	506,215,316	498,535,457	552,802,686	563,122,640	568,511,942	567,310 737	543,276,288	533,783,714	48
8,621,928	8,808,624	9,649,080	9,955,224	12,750,480	14,078,232	16,039,944	15,301,584	10,444,752	9,395,136	8
.....	.....	.....	.....	.....	.....	.....	656,784	593,928	3,668,976	4
1,769,254,816	1,872,760 513	1,979,746,008	1,866,818,100	2,070,391,127	2,051,165,517	2,106,569,138	2,191,613,967	2,034,192,155	1,955,396,408	1,813
57,072 736	61,129,083	63,862,774	62,227,270	66,786,811	68,372,184	67,953,843	70,697,225	67,806,405	63 074,400	60
104	113	111	115	122	126	126	131	125	117	

Total consumption through meters for the year ..... 4,912,217,321 gallons.
Average consumption through meters per day ..... 13,421,358 gallons.

FLOW, CONSUMPTION AND WASTE, JONES' FALLS SUPPLY, 1904.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Decem
....	390,001,928	600,729,624	377,089,080	436,755,224	550,190,480	559,268,232	562,599,944	423,738,368	378,733,680	518,104,112	504,188,784	481,(
....	125,913,375	7,543,856	265,787,006	.....	.....	50,391,388	.....	.....	137,442,000	.....	.....	.....
.....	49,000,000	382,624,000	103 680,000	231,500,000	52,917,000	.....	.....	.....	16,100,000	.....	.....	114,(
.....	275,000,000	....	140,400,000	.....	.....	29,500,000	.....	.....	105,000,000	.....	.....	.....
....	182,400,000	39,925,000	25,000,000	26,450,000	.....	.....	16,500,000	15,900,000	.....	32,000,000	10,005,000	5,(
....	....	21,470,000	750,000	3,700,000	.....	.....	.....	.....	3,200,000	3,950,000	400,000	
.....	4,001,550	2,255,700	4,774,050	3,368,100	3,538,950	5,453,850	8,070,350	3,476,250	10,119,750	5,160,300	3,151,800	3,7
....	683,127	319,159	722,173	598,558	563,859	748,198	1,069,164	470,606	1,544,107	746,029	466,268	(
....	....	....	....	....	17,000,000	49 800,000	....	....	22,400,000	....	....	.....
....	22,600,000	....	....	....	325,000	4,350,000	2 200,000	....	....	....	....	....
....	995,030,626	1,049,687,621	907,209,863	694,438,566	581,680,571	578,807,572	567,760,430	435,691,512	606,411,823	548,147,783	510,975,716	597,(
.....	32,097,762	36,196,125	29,264,834	23,147,952	18,763,889	19,293,585	18,314,852	14,054,565	20,213,727	17,682,187	17,032,523	19,(
.....	449,913,375	390,167,856	509,867,006	231,500,000	52 917,000	79,891,388	....	....	258 542,000	....	....	114 (
....	14,513,334	13,454,064	16 447,322	7,716,667	1,707,000	2,663,046	....	....	8,618,067	....	....	3,(
.....	12,580,707	20,714,815	12,164,164	14,558,507	17,748,080	18,642,274	18,148,385	13,668,980	12,624,456	16,713,036	16,806,292	15,(

January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Decemb
1,377,893,317	1,270,358,562	1,661,305,933	1,399,650,390	1,520,851,363	1,494,033,101	1,541,979,624	1,821,572,368	1,680,340,961	1,434,897,654	1,307,434,486	1,335,36
921,300	235,200	277,200	672,000	2,085,000	247,950	1,020,600	.....	1,337,400	1,530,000	3,542,850	2,62
1,916,035	25,206,792	.....	11,638,741	9,699,253	2,137,683	14,340,206	3,636,361	58,070,200	2,426,751	18,913,558	.....
89,578,000	33,713,200	26,928,000	58,752,000	62,640,000	13,996,800	20,304,000	.....	21,657,600	45,763,200	80,672,000	60,30
1,741,351,787	2 555,139,042	1,684,703,523	1,233,542,985	1,188,332,467	1,141,595,629	1,999,439,494	578,918,040	332,419,500	578,410,320	298,404,000	307,25
1,267,500 000	962,000,000	3,624,000,000	2,789 000,000	1,503,833,000	333,550,000	172,400,000	149,562,500	92,100,000	868,708,000	2,010,000,000	2,232,00
3,690,000,000	6,162,630,000	5,501,504,000	.....	.....	1,125,000,000	1,285,700,000	905,937,500	1,680,000,000	1,417,500,000	.....	.....
.....	.....	.....	.....	.....	.....	.....	8,950 000	80,750,000	1,000,000	.....	.....
.....	.....	.....	.....	.....	.....	.....	15,200,000	118,275,000	875,000	.....	.....
2,228,965	1,710,601	2,289,441	2,393,114	2,362,556	3,455,760	3,984,667	1,900,668	4,380,176	3,421,202	4,000,000	.....
3,709,069	3,071,311	5,118,851	3,037,747	3,809,770	5,303,469	9,398,553	4,464,312	9,955,602	6,981,782	1,641,486	2,747
5,800,000	.....	.....	3,800,000	.....	1,050,000	81,800,000	.....	.....	.....	3,272,710	4,246
9,500,000	.....	900,000	3,750,000	1,000,000	1,750,000	152,500,000	.....	.....	.....	.....	.....
93,000,000	87,000,000	93,000,000	90,000,000	93,000,000	90,000,000	93,000,000	93,000,000	90,000,000	93,000,000	90,000,000	1,000,
8,054,922,405	10,917,500 884	10,397,410,364	5,390 275,255	4,187,268,757	4,009,001,934	4,694,500,704	3,384,411,789	3,960,614,883	4,247,707,941	3,628,052,698	93,000,
259 836,207	376,465,548	335,400,334	179,675,841	135,073,182	133,633,398	151 435,507	109,174,573	132,020,496	137,022,837	120,935.090	3,837,153,
6,791,267,122	9,738,924,234	8,837,412,723	4,093,605,726	2,766,589,720	2,615,528,062	3,493 204,300	1,638,054,401	2,185,584,700	2,914,338,271	2,411,532,408	123,779,
219,073,133	335,824,973	285,077,830	136,453,524	89,244,830	87,184,269	112,684,009	52,840,465	72,852,823	94,010,912	80,384,414	2,602,781,
44,448,172	43,805,467	53,590,514	46,655,013	49,059,721	49,801,100	49,741,278	58,760,399	56,011,365	46,287,021	43,581,150	83,960,
											43,076,

CONSTRUCTION DIVISION.

BALTIMORE, December 31, 1904.

MR. A. M. QUICK, *Water Engineer.*

DEAR SIRS:—I respectfully submit herewith my report of the work of the Construction Division for the year 1904.

The cost of laying pipe per lineal foot on the extension of mains is about the same as in 1903 if comparing the different sizes of pipe in a total average.

A comparative statement of new service connection for the years 1903 and 1904 will show a decrease in profit for 1904, due to the large number of six dollar supplies and improved pavements, also an increase in labor cost per service.

During the year 1904, beginning November 1st, a new card system was introduced for keeping the cost accounts of the Construction Division, which is a marked improvement over the old system.

	1903	1904
Number of services	1,855	1,708
Labor per service	$2 03	$2 28
Number of feet lead lined pipe	28,376 $\frac{10}{12}$	26,520 $\frac{2}{12}$
Cost per lineal foot	$ .54 $\frac{2}{100}$	$ .55 $\frac{7}{100}$
Amount received for inserting services	$17,312 00	$15,380 00
Cost of inserting services	15,327 34	14,778 33
Profit	$ 1,984 66	$ 601 67

Respectfully submitted,

GEO. R. TRUELOVE,
Superintendent.

SPECIAL WORK DONE BY THE CONSTRUCTION DIVISION.

January 11, at 1.10 A. M., a bad leak was reported on Monument street, between Wolfe and Washington streets, by the Northeastern Police Station. Upon investigation it was found that a six-inch cap had blown off of a 10x6-inch branch on high pressure line. There was three foot of frost in the ground at that time, which the water undermined and flooded twelve cellars, from 1905 to 1927 Monument street. It required two weeks to pump out cellars and make the necessary repairs.

January 27. The *Evening News* Office, at Baltimore and Grant streets, reported water flooding cellar. A foreman was sent to investigate and found the water due to underground flow from fire of the New York Clothing House, which occurred January 26th. The machinery of the *Evening News* was badly damaged.

February 7. This division was called upon at 12.30 P.M. to the fire which was discovered in the John E. Hurst Building, at the southwest corner Hopkins Place and German street. As the fire was spreading rapidly and all the City Fire Department was called upon, together with the engines from other cities, all of which were drawing on the 20-inch low service; the two 12-inch middle service gates at Eutaw and Conway streets and Calvert and Franklin streets were opened and turned into the 20-inch low service line at 1 P.M., February 7th.

On February 8, at 9.00 A.M., the 20-inch middle service gate, at Saratoga and Courtland streets, was opened into the low service line, which gave the Fire Department an abundant supply of water, the pressure being kept up by the pumping station pumping into the middle service.

On February 20th, the entire force of the Construction Division was put to work in the Fire District, there being about 2,000 house supplies from ½-inch to 10-inch to be turned off, together with about 100 broken fire hydrants. On account of the debris, it was impossible to reach the service stops, and we had to turn off the mains, which took six days to accomplish.

After the fire, it required three weeks to change the mains and turn off the house supplies.

Five new fire hydrants were erected on old sites, and 84 old ones sent to the Mechanical Division for repairs.

There was a foreman and a force of men in the Fire District repairing mains and services and locating service stops and water meters from February 7th to December 31st.

164 meters were taken out and sent to the Mechanical Division for repairs.

February 19, at 7.30 P.M., a bad leak was reported opposite 422 North Exeter street, and upon investigation found it to be a bursted 12-inch main, which flooded 21 cellars on Exeter street. As it was necessary to dig for the main stops, it took from 7.30 to 11.45 P.M. before the water was turned off. There was two foot of frost in the ground at the time, and it required three days to pump out the cellars and make the necessary repairs.

Private pump handles removed and pumps crippled and posted, by order of the Health Department:

June 11. 420 North Central Avenue.
September 28. 1813 Falls Road.
October 25. 812 Calverton Road.
October 26. 847 Calverton Road.
November 29. Leadenhall and Montgomery Streets.

The above wells have been filled up.

The 16-inch line from Western Pumping Station to Roland avenue stand pipe, main and connections were completed May 11, 1904.

New throat inserted in 30-inch Venturi meter on Mt. Royal Terrace. Completed April 28, 1904.

NEW MAINS LAID.

Blue Print Number.	Location.	Size in inches.
02116	10th st., bet. Chesapeake and Clifton aves.	10-inch
	Chesapeake ave., bet. 10th and 11th sts.	12-inch
02367	Roland ave., bet. 3d ave. and Merryman's lane	16-inch
02368	Roland ave., bet. Merryman's lane and Stand Pipe	16-inch
02464	Johnson st., bet. Wells and Winder sts.	10-inch
02529	Lafayette ave., bet. Md. ave. and Falls road	6-inch
02530	Pleasant, Holliday, Monument sts.	12-inch
02531	Franklin st., bet. Davis and St. Paul sts.	12 and 16-inch
02538	Dallas st., bet. Preston and Hoffman sts.	6-inch
02541	Port st., bet. Federal and Oliver sts.	6-inch
02542	Peabody st., south from Preston st.	6-inch
02545	McComas st., bet. Creek alley and Charles st.	6-inch
02546	Curley st., bet. Fairmount ave. and Baltimore st.	6-inch
02548	Port st., bet. Orleans and Jefferson sts.	6-inch
02550	North ave., bet. Oliver and McMechen sts.	6-inch
02552	Alley, s. of Patterson ave., bet. Gilmor and Mount sts.	6-inch
02553	Guilford ave., bet. Lanvale and Oliver sts.	10-inch
02554	Bradford st., n. of Ashland ave.	6-inch
02555	Preston st., e. of Greenmount ave.	6-inch
02556	Henry st., n. of Hughes st.	6-inch
02557	Luzerne st., bet. Hudson and Boston sts.	10-inch
02558	Madison st., bet. Bradford st. and Montford ave.	6-inch
02559	Wolfe st., n. from Madison st.	4-inch
02561	Boyer st. and Duncan alley.	4-inch
02566	Guilford ave., bet. Madison and Eager sts.	10-inch
02567	St. Paul st., bet. Madison and Eager sts.	10-inch
02568	Mooreland ave., bet. North ave. and Liberty rd.	6-inch
02569	Aisquith st., bet. Biddle and Federal sts.	10-inch
02570	Eden st., bet. Aliceanna and Bank sts.	6-inch
02573	Central ave., bet. Fayette and Pratt sts.	6-inch
02574	Central ave., bet. Fayette and Jefferson sts.	6-inch
02575	Caroline st., bet. Biddle and Preston sts.	6-inch
02576	Lafayette ave. bet. Calvert st. and Greenmount ave	6-inch
02577	Calvert st., bet. North ave. and Lanvale st.	10-inch
02578	Guilford ave., bet. North ave. and Lanvale st.	6-inch
02583	Baltimore st., bet. Charles and Liberty sts.	10-inch
02590	Robinson st., bet. Elliott and O'Donnell sts.	6-inch

Blue Print Number.	Location.	Size in inches.
02591	Dock, Point, Wills to Dock st	6-inch
02596	Philpot, Point, Thames and Wills sts	6-inch
02597	Milliman and Monument sts., bet. Caroline and Dallas sts	6-inch
02598	Lancaster, President, Albemarle, Exeter and Central ave	10 and 6-inch
02599	E. side Central ave. bet. Canton ave. and Lancaster st.	
	Lancaster st., bet. Central ave. and Caroline st.	10-inch
02600	E. side Central ave., bet. Bank and Canton ave.	10-inch
02601	Collington ave., bet. Gay and Townsend sts	6-inch
02603	Chase st., bet. Richmond and Cathedral sts	12-inch
02604	Park ave., bet. Richmond and Chase sts	6-inch
02605	Howard st., bet. Richmond and Cathedral sts.	6-inch
02607	26th st., bet. Maryland ave. and Charles st	6-inch
02608	Madison ave., bet. Lafayette ave. and Mosher st.	6-inch
02610	Ducatel st., bet. Eutaw Place and Linden ave.	6-inch
02616	Franklin road, n. of toll gate	6-inch
02617	Nicholson st., bet. Hull and Towson sts	10-inch
02618	S. s. O'Donnell st. bet. Chesapeake and Patuxent sts	6-inch
02619	Pine st., bet. Franklin and Pierce sts	6-inch
02625	Dillon st., bet. Lakewood ave. and Binney st	3-inch
02626	Centre st., bet. Charles and St. Paul sts	6-inch
02627	Druid Hill ave., bet. Mosher st. & Lafayette ave.	6-inch
02628	Harmon lane, w. of Arlington ave	6-inch
02642	Carey st., bet. Edmondson and Harlem aves	6-inch
02643	Monroe st., bet. North and Clifton aves	6-inch
02645	Cromwell st., bet. 22d st. and Kennedy ave	6-inch
02647	Caroline st., bet. Eager and Chase sts	6-inch
02648	Saratoga st., bet. Monroe st. and Fulton ave	6-inch
02652	Payson st., bet. Lafayette ave. and Mosher st.	6-inch
02654	Montford ave., bet. Madison st. and Ashland ave.	6-inch
02655	Belview ave., e. from Garrison ave	6-inch
02656	Woodward & Barre sts., bet. Ridgely and Scott sts	6-inch
02659	Paca st., bet. Fremont and Scott sts	10 and 6-inch
02660	Franklin st., w. from Howard st	10-inch
02661	Russell st., bet. West and Ostend sts	6-inch
02662	Gould st., e. from Old Fort road	6-inch
02663	Hamburg st., bet. Scott and Cross sts	6-inch

Blue Print Number.	Location.	Size in inches.
02664	Preston st., bet. Greenmount ave. and Constitution st.	6-inch
	Pipe laid on extension of main:	
	2-inch	35 feet.
	3-inch	514 feet.
	4-inch	1,039 feet.
	6-inch	30,507 feet.
	8-inch	214 feet.
	10-inch	12,867 feet.
	12-inch	3,894 feet.
	16-inch	4,229 feet.
		53,299 feet.

MAIN CONNECTIONS.

Blue Print Number.	Location.	Size in inches.
02367	Roland ave., bet. 3d ave. and Merryman's lane	16-inch
02464	Johnson st., bet. Wells and Winder sts	10-inch
02529	Lafayette ave., bet. Maryland ave. and Falls rd.	6-inch
02530	Pleasant, Holliday, Monument sts	12-inch
02531	Franklin st., bet. Davis and St. Paul sts	12 and 16-inch
02536	Western Pumping Station	16 and vault.
02538	Dallas st., bet. Preston and Hoffman sts	6-inch
02541	Port st., bet. Federal and Oliver sts	6-inch
02542	Peabody st., s. from Preston st	6-inch
02545	McComas st., bet. Creek alley and Charles sts	6-inch
02546	Curley st., bet. Fairmount ave. and Baltimore st.	6-inch
02548	Port st., bet. Orleans and Jefferson sts	6-inch
02550	North ave., bet. Oliver and McMechen sts	6-inch
02552	Alley, s. of Patterson ave., bet. Gilmor and Mount sts	6-inch
02553	Guilford ave., bet. Lanvale and Oliver sts	10-inch
02554	Bradford st., n. of Ashland ave	6-inch
02555	Preston st., e. of Greenmount ave	6-inch
02556	Henry st., n. of Hughes st	6-inch
02557	Luzerne st., bet. Hudson and Boston sts	10-inch
02558	Madison st., bet. Bradford st. and Montford ave.	6-inch
02559	Wolfe st., n. of Madison st	4-inch
02560	North ave. and 10th st	10 and 12-inch
02561	Boyer and Duncan sts	4-inch

Blue Print Number.	Location.	Size in inches.
02566	Guilford ave., bet. Madison and Eager sts.....	10-inch
02567	St. Paul St., bet. Madison and Eager sts.....	10-inch
02568	Mooreland ave., bet. North ave. and Liberty rd.	6-inch
02569	Aisquith st., bet. Biddle and Federal sts.....	10-inch
02570	Eden st., bet. Aliceanna and Bank sts.....	6-inch
02573	Central ave., bet. Fayette and Pratt sts.....	6-inch
02574	Central ave., bet. Fayette and Jefferson sts....	6-inch
02575	Caroline st., bet. Biddle and Preston sts.....	6-inch
02576	Lafayette ave., bet. Calvert st. and Greenmount ave.	6-inch
02577	Calvert st., bet. North ave. and Lanvale st.....	10-inch
02578	Guilford ave., bet. North ave. and Lanvale st..	6-inch
02582	Greene st. and Columbia ave.....	10-inch
02583	Baltimore st., bet. Charles and Liberty sts.....	10-inch
02590	Robinson st., bet. Elliott and O'Donnell sts....	6-inch
02591	Dock, Point, Wills to Dock st.....	6-inch
02596	Philpot, Point, Thames and Wills.....	6-inch
02597	Milliman and Monument sts., bet. Caroline and Dallas sts.....	6-inch
02598	Lancaster, President, Albemarle, Exeter and Central ave	10 and 6-inch
02599	E. s. Central ave., bet. Canton ave. and Lancaster st.	
	Lancaster st., bet. Central ave. and Caroline st.	10-inch
02600	E. s. Central ave., bet. Bank st. and Canton ave.	10-inch
02601	Collington ave., bet. Gay and Townsend sts....	6-inch
02603	Chase st., bet. Richmond and Cathedral sts....	12-inch
02604	Park ave., bet. Richmond and Chase sts.....	6-inch
02605	Howard st., bet. Richmond and Cathedral sts..	6-inch
02607	26th st., bet. Maryland ave. and Charles st.....	6-inch
02608	Madison ave., bet. Lafayette ave. and Mosher st.	6-inch
02610	Ducatel st., bet. Eutaw Place and Linden ave..	6-inch
02617	Nicholson st., bet. Hull and Towson sts.....	10-inch
02618	O'Donnell st., bet. Chesapeake and Patuxent sts.	6-inch
02619	Pine st., bet. Franklin and Pierce sts.....	6-inch
02625	Dillon st., bet. Lakewood ave. and Binney st....	3-inch
02626	Centre st., bet. Charles and St. Paul sts.....	6-inch
02627	Druid Hill ave., bet. Mosher st. and Lafayette ave.	6-inch
02628	Harmony lane, w. of Arlington ave.....	6-inch
02642	Carey st., bet. Harlem and Edmondson aves..	6-inch

Blue Print Number.	Location.	Size in inches.
02645	Monroe st., bet. North and Clifton aves	6-inch
02647	Caroline st., bet. Eager and Chase sts	6-inch
02648	Saratoga st., bet. Fulton ave. and Monroe st	6-inch
02650	Eutaw st., bet. Baltimore and Saratoga sts	6, 10 and 12-inch
02652	Payson st., bet. Lafayette ave. and Mosher st	6-inch
02654	Montford ave., bet. Madison st. and Ashland ave.	6-inch
02655	Belview ave., e. from Garrison ave	6-inch
02656	Woodward and Barre sts., bet. Ridgely and Scott sts	6-inch
02659	Paca st., bet. Fremont and Scott sts	10 and 6-inch
02661	Russell st., bet. West and Ostend sts	6-inch
02662	Gould st., e. from Old Fort road	6-inch
02663	Hamburg st., bet. Scott and Cross sts	6-inch
02664	Preston st., bet. Greenmount ave. and Constitution st	6-inch

	Location.	Size in inches.
No Blue Print.	Bond and Madison sts	3-inch
	Baltimore and Light sts	10-inch
	Baltimore and North sts	10-inch
	Baltimore and Calvert sts	10-inch
	Baltimore and Gay sts	10-inch
	Biddle st., bet. Richmond st. and Md. ave	6-inch
	Columbia ave and Cross st	6-inch
	Poppleton and Ramsay sts	6-inch
	Columbia ave., bet. Scott and St. Peter sts	6-inch
	Eutaw st., bet. Conway and Lee sts	20 and 6-inch
	Clay st., bet. Howard and Eutaw sts	6-inch
	Patterson Park ave., s. of Orleans st	3 and 4-inch

ABANDONED MAINS AND CHANGED SERVICES.

Location.	Size of Mains Abandoned.	Size of Mains Connected to.	Length in Feet.
Lafayette ave., bet. Maryland ave. and Falls road	3 in.	6 in.	250
St. Paul st., bet. Madison and Eager sts	3 in.	10 in.	1,000
Aisquith st., bet. Biddle and Federal sts	3 in.	10 in.	1,500
Eden st., bet. Bank st. and Canton ave	3 in.	6 in.	750
Caroline st., bet. Biddle and Preston sts	3 in.	6 in.	500
Central ave., bet. Fayette st. and High alley	3 in.	16 in.	150
Central ave., bet. Jefferson and Orleans	3 in.	6 in.	300
Howard st., bet. Richmond and Cathedral sts.	3 in.	6 in.	750
Park ave., bet. Richmond and Chase sts	3 in.	6 in.	500
Caroline st., bet. Thames and Dock sts	3 in.	10 in.	500
Caroline st., bet. Lancaster and Aliceanna sts.	3 in.	10 in.	200
Thames st., bet. Caroline and Bond sts	3 in.	10 in.	500
Harmony lane, bet. Carrollton and Arlington aves	3 in.	6 in.	250
Carey st., bet. Edmondson and Harlem aves.	3 in.	6 in.	250
Paca st., bet. Fremont and Cross sts	3 in.	6 in.	600
Barre st., bet. Ridgely and Scott sts Woodward st., bet. Ridgely and Scott Sts	3 in.	6 in.	1,125
Ridgely st., bet. Cross and Barre sts	3 in.	6 in.	500
Hamburg st., bet. Cross and Scott sts	3 in.	10 in.	1,250
			10,875

ABANDONED MAINS AND CHANGED SERVICES.

Location.	Size of Mains Abandoned.	Size of Mains Connected to	Length in Feet.
Maryland ave., bet. Lafayette and North aves.	4 in.	12 in.	400
Preston st., bet. Wirt and Ensor sts.....	4 in.	12 in.	1,000
Johnson st., bet. Donaldson and Moale sts....	4 in.		624
Biddle st., bet. Ensor and Caroline sts.....	4 in.	20 in.	1,250
Preston st., bet. Ensor and Caroline sts.....	4 in.	12 in.	750
Lanvale st., bet. Charles st. and Greenmount ave.	4 in.	12 in.	750
Lafayette ave., bet. Charles and Barclay sts..	4 in.	6 in.	300
Central ave., bet. May and Jackson sts.....	4 in.	16 in.	300
Fayette st., bet. Central ave. and Aisquith st..	4 in.	10 in.	300
Fayette st., bet. Central ave. and Eden st.....	4 in.	10 in.	300
Guilford ave., bet. Lafayette ave. and McAllister alley	4 in.	6 in.	150
Calvert st., bet. North ave. and Lanvale st....	4 in.	10 in.	500
Chase st., bet. Richmond and Cathedral sts....	4 in.	12 in.	250
Nicholson st., Haubert and Towson sts.....	4 in.	10 in.	750
Block st., bet. East Falls ave. and Caroline st..	4 in.	6 in.	375
Dock st., bet. Caroline and Wills sts.....	4 in.	6 in.	250
Thames st., bet. Caroline and Bond sts.....	4 in.	10 in.	375
Point st., bet. Block and Dock sts.....	4 in.	6 in.	200
President st., bet. Lancaster and Aliceanna sts.	4 in.	10 in.	300
Albemarle st., bet. Lancaster and Aliceanna sts.	4 in.	6 in.	300
Exeter st., bet. Lancaster and Aliceanna sts...	4 in.	6 in.	300
Thames st., bet. Broadway and Bond st.....	4 in.	10 in.	550
Little Montgomery, bet. Eutaw st. & Ohio ave.	4 in.		150
President st., bet. Aliceanna st. & Eastern ave.	4 in.	10 in.	600
Saratoga st., bet. Fulton ave. and Addison st.	4 in.	6 in.	150
10th st., bet. Clifton and Chesapeake aves....	4 in.	10 in.	1,200
Eager st., bet. Caroline and Dallas sts.....	4 in.	30 in.	200
			12,574

ABANDONED MAINS AND CHANGED SERVICES.

Location.	Size of Mains Abandoned.	Size of Mains Connected to.	Length in Feet.
Eutaw st., bet. Conway and L. Montgomtry sts.	4½ in.	20 in.	1,125
Eutaw st., bet. Baltimore and Saratoga sts....	4½ in.	12 in.	750
			1,875
Moale st., bet. Johnson and Henry sts.....	6 in.		432
Baltimore st., bet. Charles and Liberty sts....	6 in.	10 in.	750
Nicholson st., bet. Haubert and Towson sts..	6 in.	10 in.	300
Biddle st., bet. Richmond st. and Maryland ave.	6 in.	8 in.	800
Ohio ave., bet. Henrietta st. and L. Montgomery st.....	6 in.		300
Eutaw st., bet. Baltimore and Saratoga sts...	6 in.	12 in.	300
			2,882

TOTAL NUMBER OF FEET OF ABANDONED MAIN.

	feet.
3 in. main	10,875
4 in. "	12,574
4½ in. "	1,875
6 in. "	2,882
	28,206

28,206 feet equal to $5\frac{18}{52}\frac{06}{80}$ miles.

SERVICES CHANGED FROM ABANDONED MAINS.

⅝ in.....	388
¾ in.....	671
1 in.....	78
1½ in.....	14
2 in.....	76
	1,227

NEW FIRE HYDRANTS.—NEW SITES.

Location.	Size in inches.	Remarks.
East end of Cedar ave. bridge	5 in.	
Northwest corner Third and Roland aves	5 in.	
Southwest corner Third and Elm aves	5 in.	
Northeast corner Aisquith and Preston sts	5 in.	
Southeast corner Lanvale and Barclay sts	5 in.	
Northeast corner Lombard st. and Central ave	5 in.	
Northeast corner Maryland ave. and 26th st	5 in.	
Southwest corner Canton avenue and Eden st	5 in.	
Southwest corner Eastern avenue and Eden st	5 in.	
Southeast corner Barclay and Lanvale sts	5 in.	
Northeast corner Division and Dolphin sts	5 in.	
West side Johnson st., bet. Wells and Winder sts	5 in.	
McComas st. and Creek alley	6 in.	
Northeast corner Lafayette and Guilford aves	6 in.	
Southeast corner Guilford and North aves	6 in.	
Southwest corner Portland and Greene sts	6 in.	
Northwest corner Lanvale and Calvert sts	6 in.	
Southeast corner Dock st. and East Falls ave	6 in.	
Southwest corner Dock and Wills sts	6 in.	
Southwest corner Dock and Caroline sts	6 in.	
Northwest corner Block and Wills sts	6 in.	
Northeast corner Philpot and Point sts	6 in.	
Southwest corner Philpot and Wills sts	6 in.	
Northwest corner Philpot and Thames sts	6 in.	
Southwest corner Chase st. and Park ave	6 in.	
Northeast corner Scott and Woodward sts	6 in.	
Northwest corner Barre and Paca sts	6 in.	
Northwest corner Fremont and Paca sts	6 in.	
Southeast corner Stockholm and Russell sts	6 in.	
Preston st., opposite Constitution st	6 in.	
Northwest corner Cromwell and 22d sts	6 in.	
Southwest corner Payson and Mosher sts	6 in.	
Belview and Garrison aves	6 in.	
Southwest corner Montford and Ashland aves	6 in.	
Southwest corner Montford ave. and Madison st	6 in.	

NEW FIRE HYDRANTS—NEW SITES.

Location.	Size in inches.	Remarks.
Southeast corner Pleasant and Davis sts	8 in.	
Northwest corner Pleasant and North sts	8 in.	
Northeast corner Pleasant and Holliday sts	8 in.	
East side Holliday st., bet. Pleasant and Bath sts	8 in.	
Northeast corner Holliday and Centre sts	8 in.	
North side Monument st., w. of Holliday st	8 in.	
North side Baltimore st., w. of Charles st	8 in.	
Northwest corner Guilford ave. and Madison st	8 in.	
Northwest corner Baltimore and St. Paul sts	8 in.	
Southwest corner Baltimore and Gay sts	8 in.	
Northeast corner Camden and Paca sts	8 in.	
Northwest corner Block and Caroline sts	8 in.	
Northeast corner Charles and Barre sts	8 in.	
Exchange Place and Commerce sts	8 in.	D. N.
Northeast corner Fayette and Little Sharp sts	8 in.	
Northwest corner Pratt st. and West Falls ave	8 in.	
Northwest corner Aliceanna st. and Central ave	8 in.	
Northwest corner Lancaster st. and Central ave	8 in.	
Northwest corner Aliceanna and Caroline sts	8 in.	
Northwest corner Lancaster and Eden sts	8 in.	
Northwest corner Exeter and Baltimore sts	8 in.	
Northeast corner Saratoga and Eutaw sts	8 in.	
Northwest corner Lexington and St. Paul sts	8 in.	
Southwest corner Fayette and Howard sts	8 in.	
Northwest corner Constitution and Monument sts	8 in.	
Southeast corner Constitution and Madison sts	8 in.	

NEW FIRE HYDRANTS—OLD SITES.

Location.	Size in inches.	Remarks.
Northwest corner Carrollton ave. and Lanvale st....	4 in.	
Southwest corner Pine and Pierce sts.....	4 in.	
Southwest corner Druid Hill ave. and Jasper st.....	4 in.	
North side Federal st., w. of Caroline st.....	4 in.	
Southeast corner Cathedral and Oliver sts.....	4 in.	
Southwest corner Baltimore and Lloyd sts.....	4 in.	
Southeast corner Madison avenue and Biddle sts....	5 in.	
Southeast corner Druid Hill ave. and Biddle st.....	5 in.	
Northeast corner Albemarle and Granby sts.....	5 in.	
Southwest corner Howard and Little Ross sts.....	5 in.	
Southeast corner Madison and Bond sts.....	5 in.	
Southeast corner Calvert and Lombard sts.....	5 in.	
Southeast corner Madison and Tyson sts.....	5 in.	
West side Cathedral st. s. of Monument st.....	5 in.	
Southeast corner Caroline and Jefferson sts.....	5 in.	
Southeast corner Lombard and Ellicott sts.....	5 in.	
Northwest corner Lanvale and Mount sts.....	5 in.	
Northwest corner Poppleton and Ramsay sts.....	5 in.	
Northeast corner Lexington and Liberty sts.....	6 in.	
Southwest corner Charles and Hamilton sts.....	6 in.	
Northwest corner Chester and Monument sts.....	6 in.	
Southwest corner St. Paul st. and Peabody alley.....	6 in.	
West side Garrison lane and Hollins st.....	6 in.	
Southwest corner Lexington and Stockton st.....	6 in.	
Northeast corner Fayette st. and Norris alley.....	6 in.	
Southeast corner Paca and King sts.....	8 in.	
Northeast corner Baltimore and North sts.....	8 in.	
North side Baltimore st., w. of Holliday st.....	8 in.	
Northwest corner Calvert and Lombard sts.....	8 in.	

NEW FOUNTAINS—NEW SITES.

Blue Print Number.	Location.
	Northwest corner Eutaw and Conway sts.
	Northwest corner St. Peter and Paca sts.
	Northwest corner Eastern ave. and Chapel st.
	Harford road, s. of Duffy st.
	Northwest cor. Orleans and Bond sts.

NEW FOUNTAINS—OLD SITES.

Harford ave. and Aisquith st.
Pennsylvania ave. and Dolphin st.
Broadway and Thames st.
Portland and Greene sts.
Franklin and Paca sts.

FOUNTAINS MOVED.

02602 From Fremont st., n. of Lombard st. to Northeast corner Fremont and German sts.

02624 From Charles and Lombard sts. to South side Lombard st., w. of Charles st.

From Northwest corner Aisquith and Hoffman sts. to Northeast corner Aisquith and Hoffman sts.

PRIVATE FOUNTAIN CONNECTIONS.

Calvert and Fayette sts., s. s. Battle Monument.
Centre Market Space and Water st.
Northwest corner Broadway and Chase st.
South side Lombard st., opposite Howard st.

02543 *Venturi Meter Connections*: Mt. Royal Terrace.

02564 *Meter Settings*: Baltimore Bargain House.

02527*a* *Sewer Crossing*: Eden and Lancaster st.

NEW DIVISION VALVES.

02535 Gay and Chester sts.
02622 Bradish ave., s. of Presstman st.

NEW VALVES PLACED—NEW SITES.

Location.	Size in inches.
Rear 1711 E. Preston st	1 in.
Bradish ave., s. of Presstman st	2 in.
Rear w. s. Hare st., bet. Boston and Elliott sts	2 in.
Rear e. s. Hare st., bet. Boston and Elliott sts	2 in.
Rear 2004 E. North ave	2 in.
Rear 505 N. Fulton ave	2 in.
1327 E. Lanvale st	2 in.
Rear 2330 Guilford ave	2 in.
Hunter alley, s. of 24th st	2 in.
Rear n. s. James st., w. of Carey st	2 in.
2000 Mt. Royal Terrace	2 in.
McMechen st. and Stoddard alley	2 in.
Coke alley, s. of Ashland ave	2 in.
Rear 514 N. Gilmor st	2 in.
Pierce st., e. of Pine st	3 in.
Bloomingdale road, bet. Lafayette ave. and Presstman st	3 in.
Bloomingdale road and Presstman st	3 in.
Constitution and Falls sts	3 in.
Tyson and Richmond sts	4 in.
Monroe and Vine sts	4 in.
Lexington and Monroe sts	2—4 in.
Boston and Patapsco sts	10 in.
Gay and Chester sts	12 in.

1 in. valve	1
2 in. valve	13
3 in. valve	4
4 in. valve	4
10 in. valve	1
12 in. valve	1

NEW VALVES PLACED—OLD SITES.

Location.	Size in inches.
Rear 1428 N. Gilmor st	1 in.
Rear 2410 E. Preston st	1 in.
Lexington st., bet. Front st. and Bridge	1 in.
10th st., n. of Chesapeake ave	1 in.
Dallas st., s. of Fairmount ave	1 in.
York road, s. of Wilson st	1 in.
Alley, n. of North ave., e. of 7th st	1 in.
Alley, s. of North ave., w. of 3d st	1 in.
Rear 1106 Forrest st	1 in.
East side Broadway, s. of North ave	1 in.
Alley, s. of Orleans, e. of Lewis st	1 in.
Rear 3510 Clifton ave	2 in.
Alley, s. of Laurens, w. of Division st	2 in.
Rear 428 N. Stricker st	2 in.
Rear 2615 Barclay st	2 in.
1947 Booth st	2 in.
Keyser st., e. of Washngton st	2 in.
Washington st. and Park Gate	2—2 in.
Foot of Dallas st	2 in.
Rear 1619 Light st	2 in.
Alley, n. of Baltimore, w. of Schroeder st	2 in.
Washington st., opposite Park Gate	2 in.
First ave. and 8th st	3 in.
Plover alley, s. of Monument st	3 in.
Park ave. and Chase st	3 in.
Lombard and Eden sts	3 in.
Foot of Patapsco st	3 in.
McCulloh and Mosher sts	4 in.
Mosher and Stoddard alley	4 in.
Fait ave. and Canton st	4 in.
Light st., s. of Fort ave	4 in.
Madison and Tyson sts	4 in.
Fayette and Howard sts	4 in.
Carrollton ave. and Lanvale st	4 in.

NEW VALVES PLACED—OLD SITES.

Location.	Size in inches.
Eden and Baltimore sts	4 in.
Jefferson st. and Broadway	4 in.
Hillen and Forrest sts	4 in.
Eastern ave. and West Falls ave	4 in.
Madison and Bond sts	6 in.

1 in. valves	11
2 in valves	12
3 in. valves	5
4 in. valves	11
6 in. valves	1

JOINT LEAKS CAULKED.

1½ in. joint	234
2 in. joint	52
3 in. joint	188
4 in. joint	330
4½ in. joint	22
6 in. joint	347
8 in. joint	12
10 in. joint	189
12 in. joint	90
16 in. joint	17
18 in. joint	1
20 in. joint	78
30 in. joint	22
36 in. joint	21
48 in. joint	4

BROKEN MAINS REPAIRED.

Location.	Size in inches.
North side Saratoga st., bet. Stricker and Calhoun sts	1½ in.
41 E. Williamson st	1½ in.
N. W. cor. Centre Market Space and Lombard st	2 in.
414 N. Duncan alley	2 in.
Alley, n. of Hoffman st., w. of Linden ave	2 in.
Lexington and Arch sts	2 in.
1202 N. Wolfe st	2 in.
Madeira alley, bet. Canton and Eastern aves	2 in.
148 Rogers ave	3 in.
Druid Hill Park, n. of Cedar ave. bridge (Bill)	3 in.
Morton alley, s. of Eager st	3 in.
Addison alley and High st	3 in.
Broadway and Chase st	3 in.
Commercial Wharf	3 in.
Eutaw and King sts	3 in.
First and Third aves	3 in.
Rear 1204 Harford ave	3 in.
King st., bet. Eutaw and Paca sts (Bill)	3 in.
North and Thomas aves	3 in.
Warner and Conway sts	3 in.
Aisquith st., n. of Biddle st	3 in.
632 Constitution st	3 in.
Coke alley, s. of Ashland ave	3 in.
Elm st., n. of North ave	3 in.
Smallwood and McHenry sts	3 in.
1401 Pressbrick Court	3 in.
Stockholm st., w. of Scott st	3 in.
King st., bet. Eutaw and Paca sts	3 in.
736 W. Lexington st	3 in.
Frankin st., w. of Carey st	3 in.
Hoffman st., e. of Ensor st	3 in.
Tyson st. and Ivy alley	3 in.
Ashland ave. and McKim st	3 in.
Eutaw st., s. of Henrietta st	3 in.
Etting st., s. of Dophin st	3 in.
521 Presstman st	3 in.
Centre Market Space and Lombard st	3 in.
Holliday st., n. of Bath st	3 in.
648 Cider alley	3 in.
Commerce st., s. of Cable st	3 in.
Rear 341 N. Bruce st	3 in.
Commercial Wharf, s. of Thames st	3 in.
1709 Patapsco st	3 in.

BROKEN MAINS REPAIRED.

Location.	Size in inches.
2501 Madison ave	3 in.
6 N. Charles st	3 in.
Aisquith st., n. of Hoffman st	3 in.
Bevan st., s. of Henrietta st	3 in.
920 S. Caroline st	3 in.
S. W. cor. Thames and Philpot sts	4 in.
Spring st., n. of Biddle st	4 in.
Woodyear st., s. of Edmondson ave	4 in.
Liberty and Lexington sts	4 in.
Lanvale st., e. of Bond st	4 in.
21st st., e. of St. Paul st	4 in.
Madison and Caroline sts	4 in.
Lanvale st., w. of Fulton ave	4 in.
Hughes st., e. of Henry st	4 in.
Light st., bet. Heath and Randall sts	4 in.
Fayette st., bet. Calvert and North sts	4 in.
Vine st., bet. Fulton ave. and Monroe st	4 in.
Chase and Wolfe sts	4 in.
21st st., w. of Hargrove alley	4 in.
Postoffice ave. and Baltimore st	4 in.
Whitelock st., bet. Eutaw Place and Linden ave	4 in.
Block st., e. of Point st	4 in.
Lexington and Liberty sts	4½ in.
411 N. Paca st	4½ in.
Little Sharp st., bet. Baltimore and Fayette sts	4½ in.
215 North st	6 in.
Ridgewood ave., bet. Eldorado and Granada aves. (Bill)	6 in.
Gay and Chase sts	6 in.
Block st., opposite Savannah Wharf	6 in.
Clay st., bet. Howard st. and Kimmel alley. (Bill)	6 in.
Eastern ave., e. of B. & O. R. R. bridge	6 in.
Fort ave., e. of bridge	6 in.
North ave., w. of McMechen st	6 in.
Fayette st., w. of St. Paul st	6 in.
Jefferson st., w. of Bethel st	6 in.
Saratoga st., e. of Holliday st	8 in.
Eastern ave., e. of 5th st	8 in.
Scott st., bet. McHenry and Ramsay sts	10 in.
Aisquith and Federal sts	10 in.
Preston and Bond sts	12 in.
Clinton st. and 2d ave	12 in.
North and Mt. Royal aves	30 in.

CHANGED LOCATION OF MAINS.

Centre st. and Plover alley		6 in.
Central ave. and Lombard st		6 in.
Fremont st. and Patterson ave	(Bill)	4 and 6 in.
Eutaw and Dover sts	"	3 in.
Charles and Cross sts	"	3 in.
Centre and Howard sts	"	4 in.
German and Liberty sts	"	6 in.

MAINS CUT AND CAPPED.

Location.	Size in inches.
McHenry st. and alley w. of Parkin st	3 in.
Oliver st. and Guilford ave	3 in.
Leadenhall and Randall sts	3 in.
Oliver and Caroline sts	3 in.
Ashland ave. and Castle st	6 in.
Charles and Hamilton sts	3 in.
Rear 707 W. Franklin st	2 in.
Liberty alley, bet. Falls and Buren sts	3 in.
Henrietta st. and Ohio ave	4 in.
Orleans st. and Patterson Park ave	4 in.
Hull st., n. of Nicholson st	6 in.
Pleasant st., near Charles st	3 in.
Baker and Mount sts	4 in.
Concord and Lombard sts	6 in.

RAISING MAINS.

Kenwood ave. and Philadelphia road	6 in.
North ave and 11th st	6 in.

MAINS LOWERED.

Location.	Size in inches.	Length in feet.
McComas st., bet. Creek alley and Leadenhall st	6 in.	138
Foot of Leadenhall st (Bill)	6 in.	
Atkinson ave. and Belt R. R.	4 in.	100
Groveland ave., bet. Eldorado and Garrison aves	6 in.	600
Ostend st., bet. Warner and Ridgely sts	10 in.	450
Falls st. and Liberty alley (Bill)	3 in.	100
Johnson st., bet. Wells and Winder sts	10 in.	256
Hampden ave. and B. & O. R. R.	4 in.	60

Size in inches.		Number.
6x 3	A. P. Smith Clamp and Valve	1
10x 3	" " "	2
10x 4	" " "	7
10x 6	" " "	7
10x 8	" " "	2
12x 3	" " "	2
12x 4	" " "	1
12x 6	" " "	4
16x 6	" " "	4
20x 4	" " "	2
20x 6	" " "	4
20x 8	" " "	3
20x10	" " "	2
30x 6	" " "	3
30x10	" " "	3

VALVES USED IN 1904.

2 in. valve	103
3 in. valve	90
4 in. valve	87
6 in. valve	240
8 in. valve	30
10 in. valve	48
12 in. valve	11
16 in. valve	3

NEW SERVICES.

N. C. O. S.	at	$6.00	685
New Supplies	"	12.00	826
New Supplies	"	8.00	137
New Supplies	"	6.00	60
Total			1,708

Total number of private fountains in use December 31, 1904	5
Total number of fire hydrants in use December 31, 1904	2,372
Total number of fountains in use December 31, 1904	221
Total number of meters in use December 31, 1904	2,139
Total number of indicators	80

Total number of sewer inlet blows	202
Total number of blows	340
Service pipes repaired	880
Private pipes turned off for leaks	1,067
New street rims placed on old sites	394
Clogged services relieved	105
No leak calls	587
Fire hydrants capped and repaired	841
Valves packed and repaired	612
Fire hydrants flushed	50,998
Blow stops flushed	7,271
Fire hydrants pumped out	13,252
Plumbing inspections	387
Ferrules drawn for leaks	228
Abandoned ferrules drawn	148
Meters repaired	810
Meter services repaired (Bill)	769
Meters sent to Mechancal Division for repairs	203
Meter inspections	301
Clogged meters relieved	49
Auxiliary meters placed	139
Original meters placed	180
Fountains repaired	206
Fountains turned off	250
Fountains turned on	218
Fountains cleaned and regulated	5,564
Service boxes lowered	4,034
Clogged fire hydrants relieved	3
Service boxes raised	7
Clogged valves relieved	2
Services frozen and thawed out	1,178
Fountains clogged and relieved	61
Meter boxes placed	60
Ferrules drawn order of Water Collector	254
Ferrules returned order of Water Collector	57
Services turned off order of Water Collector	1,653
Services turned on order of Water Collector	1,303
Ten days' notice sent out for turn offs	9,409
Frozen stops thawed out	12
Frozen fire hydrants thawed out	24
Frozen meters thawed out	30
Frozen mains thawed out	10
Services lowered	183

5/8 in.	Meters packed	13
3/4 in.	"	797
1 in.	"	398
1½ in.	"	93
2 in.	"	183
3 in.	"	173
4 in.	"	11
6 in.	"	4

Cord wood used in 1904		658½	cords.
Coal oil	" " "	3,994½	gals.
Gasoline	" " "	2,949½	gals.
Sawdust	" " "	2,575	bushels.

SERVICES AND MAIN DESTROYED BY ELECTROLYSIS AND REPAIRED BY DEPARTMENT.

Month.	Date.	LOCATION.	Size in Inches.
January	19	835 Light street	¾ in. L. L.
January	26	390 Waverly avenue	¾ in. L. L.
February	5	1005E. Pratt street	¾ in. L. L.
March	8	1935 W. Baltimore street	¾ in. L. L.
May	10	833 Light street	¾ in. L. L.
May	14	1129 Light street	¾ in. L. L.
June	11	421 E. Fort avenue	¾ in. L. L.
June	15	803 E. Pratt street	¾ in. L. L.
June	24	13½ W. Saratoga street	¾ in. L. L.
July	19	906 Fell street	¾ in. L. L.
August	10	44 W. West street	¾ in. L. L.
August	16	832 Sharp street	1 in. L. L.
August	16	206 W. Henrietta street	¾ in. L. L.
August	17	200-202 S. Eutaw street	¾ in. L. L.
August	30	125 W. Montgomery street	¾ in. L. L.
September	26	514-516 Colvin street	¾ in. L. L.
September	27	1131 Light street	¾ in. L. L.
September	30	825 Light street	¾ in. L. L.
October	8	1004 Brevard street	¾ in. L. L.
October	21	823 Light street	¾ in L. L.
October	25	134 W. Hill street	¾ in. L. L.
October	26	828 Light street	1½ in. C. I.
November	26	909 Light street	¾ in. L. L.
November	30	Fort ave., east of B. & O. R. R. bridge.	6 in. Main

PIPE FITTINGS USED DURING 1904.

Size in inches.		Number.
3 in.	3-way branches	8
4 in.	"	13
6 in.	"	106
8 in.	"	3
10 in.	"	76
12 in.	"	11
16 in.	"	5
20 in.	"	1
3 in.	4-way branches	2
4 in.	"	7
6 in.	"	20
8 in.	"	2
10 in.	"	17
12 in.	"	11
16 in.	"	2
3 in.	Reducers	38
4 in.	"	48
6 in.	"	116
10 in.	"	21
12 in.	"	2
16 in.	"	2
2 in.	Iron Extension Boxes	1
3 in.	" " "	15
4 in.	" " "	23
6 in.	" " "	104
8 in.	" " "	11
10 in.	" " "	11
12 in.	" " "	2
24 to 36 in.	Iron Service Stop Boxes	17
36 to 48 in.	" " " "	2,564
2 in.	Caps	4
3 in.	"	34
4 in.	"	49
6 in.	"	65
8 in.	"	3
10 in.	"	8
12 in.	"	10
2 in.	¼ Bends	25
3 in.	"	12
4 in.	"	11
6 in.	"	45
10 in.	"	9
12 in.	"	1
16 in.	"	3

Size in inches.		Number.
3 in.	⅛ Bends	1
4 in.	"	38
6 in.	"	77
8 in.	"	4
10 in.	"	15
16 in.	"	1
3 in.	1-16 Bends	2
6 in.	"	15
12 in.	"	1
2 in.	Sleeves	9
3 in.	"	110
4 in.	"	93
6 in.	"	110
8 in.	"	6
10 in.	"	79
12 in.	"	20
16 in.	"	4
20 in.	"	3
1½ in.	Kennedy Gate Valves	39
2 in.	" " "	40
3 in.	" " "	13
4 in.	" " "	8
6 in.	" " "	7
½ in.	Globe Valves	22
¾ in.	" "	61
1 in.	" "	56
½ in.	Lever Handle Waste Cocks	3
¾ in.	" " " "	8
1 in.	" " " "	1
⅝ in.	Brass L. and I. Pipe Flange Couplings	1,765
¾ in.	" " " " "	932
1 in.	" " " " "	163
1½ in.	" " " " "	24
2 in.	" " " " "	105
⅝ in.	Eel Guard Corporation Stops	1,804
¾ in.	" " " "	947
1 in.	" " " "	174
1½ in.	" " " "	24
2 in.	" " " "	105
⅝ in.	Curb Stops	1,500
¾ in.	" "	402
1 in.	" "	145
1½ in.	" "	23
2 in.	" "	50

Size in inches.		Number.
¾ in.	Lead Lined Pipe	33,903 1/12 ft.
1 in.	" " "	1,978 6/12 "
1½ in.	" " "	311 10/12 "
2 in.	" " "	988 4/12 "
1½ in.	Cast Iron Pipe	85 5/12 "
½ in.	Galvanized Pipe	277 6/12 "
¾ in.	" "	320 5/12 "
1 in.	" "	148 7/12 "
1½ in.	" "	17 10/12 "
2 in.	" "	5 3/12 "
½ in.	A. A. Lead Pipe	307 lbs.
⅝ in.	" " "	7,863 "
¾ in.	" " "	4,784 "
1 in.	" " "	1,198 "
1½ in.	" " "	433 "
2 in.	" " "	2,160 "
½ in.	Double Screw Stops	264
¾ in.	" " "	110
1 in.	" " "	59
Iron Street Rims placed		174

METERS SENT TO MECHANICAL DIVISION FOR REPAIRS FROM FIRE DISTRICT.

⅝ in.	Department Meters	9
¾ in.	" "	27
1 in.	" "	16
1½ in.	" "	6
2 in.	" "	5
3 in.	" "	35
4 in.	" "	12
6 in.	" "	4
¾ in.	Private Meters	4
1 in.	" "	6
1½ in.	" "	4
2 in.	" "	13
3 in.	" "	14
4 in.	" "	8
6 in.	" "	1

DEPARTMENT METERS PLACED.

Style.		Size of Meters.	No.
Model F	Meters	⅝ in.	29
Hersey	"	¾ in.	1
Crown	"	¾ in.	1
Union	"	¾ in.	27
Model F	"	¾ in.	28
Empire	"	¾ in.	4
Empire	"	1 in.	2
Union	"	1 in.	42
Model F	"	1 in.	20
Crown	"	1½ in.	1
Union	"	1½ in.	37
Hersey	"	1½ in.	2
Hersey	"	2 in.	2
Union	"	2 in.	37
Gem	"	3 in.	1
Torrent	"	3 in.	4
Union	"	3 in.	9
Torrent	"	4 in.	5
Union	"	4 in.	3
Union	"	6 in.	1
Torrent	"	6 in.	1
Gem	"	6 in.	3
Total			260

NEW METERS PLACED.

Style.		Size of Meters.	No.
Model F	Meters Bill	⅝ in.	5
Union	" "	¾ in.	1
Model F	" "	¾ in.	8
Union	" "	1 in.	1
Model F	" "	1 in.	1
Union	" "	1½ in.	2
Union	" "	2 in.	4
Crown	" "	2 in.	1
Union	" "	3 in.	7
Torrent	" "	3 in.	3
Union	" "	4 in.	4
Torrent	" "	4 in.	3
Gem	" "	4 in.	2
Torrent	" "	6 in.	2
Total			44

CAR FARE USED IN 1904.

January	800
February	1,200
March	1,200
April	1,200
May	1,000
June	1,000
July	1,000
August	1,000
September	1,500
October	1,000
November	1,000
December	750
Total	12,650

FIRE HYDRANTS USED BY UNITED RAILWAYS AND ELECTRIC COMPANY FOR SPRINKLING STREETS.

March	8
April	297
May	3,922
June	3,270
July	3,860
August	3,181
September	2,937
October	3,370
November	294
December	8
Total	21,147

FORCE OF CONSTRUCTION DIVISION JANUARY 1, 1905.

Superintendent	1
General Foreman	1
Chief Clerk	1
Bookkeeper	1
Record Clerks	2
Office Clerks	2
Emergency Clerk	1
Storekeeper	1
Assistant Storekeeper	1
Foreman of Wagons	1
Foreman of Paving	1
Night Watchmen	2
Meter Foremen	3
Main Foremen	3
Service Foremen	5
Emergency Foremen	3
Repair Foremen	4
Bricklayers	3
Pavers	8
Rammers	9
Caulkers	14
Tappers	6
Turn-off Men	4
Blow-stop Men	3
Inspectors of Main and Services	4
Laborers	120

LENGTH AND COST OF NEW MAINS LAID IN 1904.

Class.	Diameter Inches.	Length in Feet.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Laying Pipe.	Cost of Paving.	Total Cost.	Average Cost Per Foot.
	4	242	$ 67 05	$ 42 67	$ 90	$ 110 62	$ 5 89	$ 116 51	$ 48 1/10
A	6	21,822	11,721 34	2,989 43	396 94	15,107 71	1,262 24	16,369 95	75
B	6	7,501	4,607 60	886 94	132 46	5,627 00	304 06	5,931 06	79
A	10	8,202	8,349 19	1,615 45	246 99	10,211 63	650 50	10,862 13	1 32 4/10
B	10	4,180	4,857 41	871 61	159 18	5,888 20	100 91	5,989 11	1 43 3/10
A	12	3,889	4,747 49	1,062 00	133 61	5,943 10	253 77	6,196 87	1 59 3/10
Total		$45,836	$34,350 08	$7,468 10	$1,070 08	$42,888 26	$2,577 37	$45,465 63	

LENGTH AND COST OF NEW MAINS LAID IN 1904.

New Loan—Completed. (For additional see 1903 Report.)

Class.	Diam. Inches	Length in Feet.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Laying Pipe.	Cost of Paving.	Total Cost.
B	16	4,229						
	10	31	$1,594 92	$4,162 91	$350 64	$6,108 47	$180 62	$6,289 09
	6	194						
Total		4,454	$1,594 92	$4,162 91	$350 64	$6,108 47	$180 62	$6,289 09

MAIN CONNECTIONS IN 1904.

	Diameter Inches.	Length in Feet.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Connections.	Cost of Paving.	Total Cost.
....	2	35	$ 37 61	$ 22 75	$ 3 15	$ 63 51	.....	$ 63 51
....	3	514	604 46	357 25	32 64	994 35	$ 130 17	1,124 52
....	4	797	1,846 29	859 24	71 37	2,776 90	379 64	3,156 54
....	6	990	5,527 26	2,498 90	189 62	8,215 78	1,003 49	9,219 27
....	8	214	1,771 74	891 71	41 24	2,704 69	216 52	2,921 21
....	10	454	2,846 49	1,911 52	113 28	4,871 29	414 49	5,285 78
....	12	5	335 40	337 96	20 56	693 92	49 13	743 05
Total		$3,009	$12,969 25	$6,879 33	$471 86	$20,320 44	$2,193 44	$22,513 88

METERED SUPPLIES INSERTED IN 1904. BILLED.

Month.	Meters. Number of Each Size.									Cost of Meters.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Paving.	Total Cost.	Amount Received for Supplies.	Profit.
	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	Total.								
January	.....	.....	.....	.....	.....	3	.....	.....	3	$ 240 00	$ 100 07	$ 65 47	$ 10 93	$ 28 53	$ 445 00	$ 287 76	$ 18 89
February	1	2	1	2	.....	.....	.....	.....	6	139 99	94 29	57 07	10 96	32 52	334 83	181 99	14 48
March	1	4	2	.....	5	1	.....	.....	13	449 70	313 50	183 13	29 57	88 09	1,063 99	638 51	50 14
April	3	6	4	3	5	1	4	4	30	2,624 87	701 28	327 30	50 51	128 57	3,832 53	1,881 69	94 85
May	.....	3	2	1	5	2	.....	.....	13	549 95	320 09	111 61	21 60	95 56	1,098 81	577 40	41 54
June	1	3	2	1	3	1	.....	.....	11	367 15	172 62	87 80	14 52	67 61	709 70	455 24	28 26
July	1	2	3	1	1	.....	.....	.....	8	186 50	173 45	123 37	20 92	56 66	560 90	377 30	32 64
August	2	1	2	2	1	1	1	.....	10	444 00	164 16	183 34	25 99	89 24	906 73	571 78	35 23
Septemb'r	.....	1	1	4	4	1	1	.....	12	658 17	283 66	113 30	19 59	73 47	1,148 19	429 76	39 03
October	1	1	3	2	2	4	3	1	17	1,358 75	341 36	213 12	28 36	90 43	2,032 02	1,594 66	60 25
November	.....	3	5	3	1	4	2	1	19	1,234 37	233 53	125 73	26 36	82 15	1,702 14	1,225 80	36 35
December	1	3	5	5	6	4	1	.....	25	975 42	315 42	204 37	31 28	90 39	1,616 88	818 40	52 63
Total	11	29	30	24	33	22	12	6	167	$9,228 87	$3,213 43	$1,795 61	$290 59	$923 22	15,451 72	$9,040 29	$504 29
	Cr.—Meters, Meter Boxes and Fittings from Burnt District														$8,215 86		

METERED SUPPLIES INSERTED IN 1904.

Month.	Meters. Number of Each Size.									Cost of Meters.	Cost of Material	Cost of Labor.	Cost of Hauling.	Cost of Paving.	Total Cost.
	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	Total.						
January															
February															
March			4						4	$ 76 00	$ 38	$ 14 96	$ 3 16	$ 1 38	$ 95 88
April	3	5	3				1		12	303 41	83 27	57 51	11 92	43 31	499 42
May															
June			2						2	38 00	1 06	3 72	90		43 68
July															
August					1		2		3	387 07	2 90	17 91	3 71		411 59
September	1		1						2	27 40	10 73	10 18	2 25	6 17	56 73
October				1	2			1	4	495 00	13 59	34 75	5 63		548 97
November	14	13	7	6	2		1		43	880 18	153 95	153 06	24 86	84 59	1,296 64
December	3	25	21	11	4	3	1		68	1,539 05	304 46	307 28	47 32	244 29	2,442 40
Total	21	43	38	18	9	3	5	1	138	$3,746 11	$570 34	$599 37	$99 75	$379 74	$5,395 31

NEW SERVICE CONNECTIONS, 1904.

MONTHS.	Number Services.	Number of Feet Pipe.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Paving.	Total Cost.	Amount Received for Connections	Profit.	Loss.
January	19	290.6	$ 96 21	$ 57 17	$ 13 47	$ 8 60	$ 175 45	$ 134 00	.....	$ 41 45
February	16	293.8	93 00	53 30	8 54	45 97	200 81	138 00	.....	62 81
March	150	2,391	651 45	345 26	61 50	129 80	1,188 01	1,222 00	33 99	.....
April	156	2,028.2	619 05	315 87	46 15	202 13	1,183 20	1,400 00	216 80	.....
May	215	3,723.5	935 44	500 59	60 58	452 07	1,948 68	2,076 00	127 32	.....
June	181	2,155.11	675 31	370 46	52 98	267 69	1,366 44	1,596 00	229 56	.....
July	160	2,657.3	682 72	361 02	55 32	190 64	1,289 70	1,474 00	184 30	.....
August	189	3,157	829 63	418 85	56 79	337 32	1,642 59	1,788 00	145 41	.....
September	161	2,277 3	656 97	350 41	53 98	197 84	1,259 20	1,480 00	220 80	.....
October	165	2,845	743 86	380 49	57 49	320 8	1,502 52	1,636 00	133 48	.....
November	199	3,231.6	852 30	491 54	77 05	549 64	1,970 53	1,766 00	.....	204 53
December	97	1,469.5	400 23	248 91	43 54	358 52	1,051 20	670 00	.....	381 20
Total	1708	26,520.2	$7,236 17	$3,893 87	$587 39	$3,060 90	$14,778 33	$15,380 00	$1,291 66	$689 99

SERVICE CONNECTIONS IN 1904. BILLED SUPPLIES.

Month.	Number of Connections.	Number of Feet Pipe.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Paving	Total Cost.	Amount Received.	Profit.
January									
February	1	9.3	$ 67 49	$ 31 12	$ 5 18	$ 11 06	$ 114 85	$ 126 34	$ 11 49
March	15	279.6	296 15	145 28	17 07	53 77	512 27	563 50	51 23
April	13	253.2	349 43	94 68	12 37	35 91	492 39	541 63	49 24
May	9	102.8	130 20	49 18	9 21	21 62	210 21	231 23	21 02
June	17	266.3	334 06	188 12	22 94	47 09	592 21	651 43	59 22
July	24	184.6	190 52	78 27	15 94	25 69	310 42	341 46	31 04
August	33	419.8	498 72	193 81	30 14	34 56	757 23	832 95	75 72
September	18	229	295 41	112 02	17 19	27 57	452 19	497 41	45 22
October	26	405.3	458 60	214 78	29 57	46 34	749 29	824 22	74 93
November	12	517.6	603 28	193 20	21 40	33 55	851 43	936 57	85 14
December	26	305.11	389 18	140 21	19 17	64 30	612 86	674 15	61 29
Total	194	2,972.8	$3,613 04	$1,444 67	$200 18	$401 46	$5,655 35	$6,220 89	$565 54

HYDRANTS, FOUNTAINS AND VALVES INSERTED IN 1904.

Month.	Hydrants.						Fountains.		Valves.										
	Number and Size				Total No.	Cost.	Number.	Cost.	Number and Size.								Total No.	Cost.	Total Cost.
	4 in.	5 in.	6 in.	8 in.					1 in.	2 in.	3 in.	4 in.	6 in.	8 in.	10 in.	12 in.	20 in.			
January									1	2								3	$ 31 62	$31 62
February									3		2							5	71 34	71 34
March		1	1		2	$ 103 96	1	$ 50 42	1	1	1	1						4	101 84	256 22
April										3		4						7	130 17	130 17
May	1	1	1		3	209 60				2	1	1				1		5	159 77	369 37
June		3		1	4	549 80	3	109 35	2	4	1		1		1			9	193 85	853 00
July							2	32 22	2	3	1							6	6 18	38 40
August		1	3	6	10	1,080 33	1	49 05		7		2						9	53 45	1,182 83
September	1	3	3	1	8	751 12	1	37 95		2	2	2						6	78 44	867 51
October		1		6	7	731 28	2	89 84	3	1		1						5	53 38	874 50
November	4	2		4	10	955 69			1	3	4	1	1		1			11	210 12	1,165 81
December		1		1	2	133 94				1		3						4	83 24	217 18
Total	6	13	8	19	46	$4,515 72	10	$368 83	13	29	12	15	2		2	1		74	$1,173 40	$6,057 95

REPAIRS TO HYDRANTS, FOUNTAINS AND VALVES, 1904.

Months.	Hydrants.						Fountains Cleaned and Repaired.		Valves.	Total Cost of Repairs.
	Number.				Total No.	Cost of Repairs.	Number.	Cost of Repairs.	Cost of Repairs.	
	4 in.	5 in.	6 in.	8 in.						
January	10	37	1	.....	48	$ 421 62	1	$ 10 21	$ 317 02	$ 748 85
February	4	5	1	.....	10	154 27	.....	17 77	172 26	344 30
March	7	25	.....	.....	32	217 58	168	192 55	392 63	802 76
April	12	31	2	.....	45	290 73	697	239 00	350 87	880 60
May	15	45	6	.....	66	447 98	680	186 37	454 35	1,088 70
June	13	33	1	.....	47	285 30	924	291 70	540 94	1,117 94
July	15	34	.....	.....	49	319 26	650	284 70	486 84	1,090 80
August	16	29	.....	.....	45	353 91	679	270 33	491 26	1,115 50
September	12	22	1	.....	35	343 18	586	197 51	372 64	913 33
October	12	18	.....	.....	30	230 47	673	183 71	545 83	960 01
November	10	9	.....	.....	19	181 20	609	174 17	351 00	706 37
December	14	33	.....	.....	47	347 16	481	358 71	515 58	1,221 45
Total	140	321	12	.....	473	$3,592 66	6,148	$2,406 73	$4,991 22	$10,990 61

COST OF REPAIRS TO MAINS IN 1904.

Month.	No. Joint Leaks Caulked.	No. Breaks.	Feet Mains Abandoned	Mains Lowered and Locations Changed.	Number Services Changed.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Repairs.	Cost of Paving	Total Cost.
January	33	9	.....	2	.....	$261 91	$1,092 73	$112 66	$1,467 30	$198 35	$1,665 65
February	19	13	.....	.....	5	314 36	1,249 87	105 92	1,670 15	192 76	1,862 91
March	129	20	.....	.....	.....	199 40	1,102 19	90 52	1,392 11	287 51	1,679 62
April	155	4	.....	4	1	93 78	1,273 08	84 43	1,451 29	1,090 50	2,541 79
May	125	4	2,706	6	4	.....	993 51	87 51	1,081 02	1,138 12	2,219 14
June	94	4	5,250	4	75	332 19	997 05	77 47	1,386 71	1,042 54	2,429 25
July	108	3	3,500	5	48	131 71	904 31	63 62	1,099 64	926 73	2,026 37
August	111	4	4,150	9	70	264 01	1,169 96	85 20	1,519 17	1,438 52	2,957 69
September	127	4	3,850	1	107	382 51	1,112 47	67 87	1,562 85	1,089 30	2,652 15
October	127	5	2,675	6	73	251 07	1,187 80	85 36	1,524 23	800 16	2,324 39
November	143	7	2,400	3	49	225 69	1,074 82	71 47	1,371 98	1,204 75	2,576 73
December	135	12	3,475	2	197	482 96	1,663 52	102 76	2,249 24	674 90	2,924 14
Total	1,306	89	28,006	42	629	$2,939 59	$13,801 31	$1,034 79	$17,775 69	$10,084 14	$27,859 83

REPAIRS TO METERS AND SERVICE CONNECTIONS IN 1904.

Months.	Meters. Number of Each Size.								Total.	Cost of Repair Meters.	Cost of Material.	Cost of Labor.	Cost of Hauling.	Cost of Paving.	Total Cost.
	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.							
January	9	9	8	11	16	19	3	2	77	$ 344 08	$ 937 13	$ 2,290 35	$ 376 60	$ 372 84	$ 4,321 00
February	1	2	5	6	6	12	.....	.....	32	276 68	2,586 00	3,699 10	518 97	665 70	7,746 45
March	3	14	12	8	12	13	5	.....	67	595 90	1,044 16	2,482 50	371 25	1,498 44	5,992 25
April	8	14	11	5	17	9	4	1	69	561 47	839 42	625 00	103 73	1,017 66	3,147 28
May	1	7	11	5	7	8	3	2	44	444 18	293 72	775 96	92 60	901 47	2,507 93
June	3	11	20	6	17	27	2	2	88	747 38	335 61	633 48	104 02	847 70	2,668 19
July	6	12	14	7	8	23	8	1	79	591 38	244 32	615 67	107 08	963 99	2,522 44
August	.....	6	6	7	8	10	3	.....	40	499 48	188 35	595 06	89 32	948 71	2,320 92
September	3	17	5	6	5	9	2	3	50	439 57	248 02	853 68	120 53	880 79	2,542 59
October	9	32	22	17	17	31	6	3	137	1,173 05	245 68	398 91	146 64	771 72	2,736 00
November	3	6	11	9	10	20	5	1	65	453 40	175 12	611 98	104 61	750 08	2 095 19
December	1	20	7	5	11	16	2	.....	62	402 47	221 47	1,124 84	135 14	422 95	2,306 87
Total	47	150	132	92	134	197	43	15	810	$6 529 04	$7,359 00	$14,706 53	$2,270 49	$10,042 05	$40,907 11

COST OF MISCELLANEOUS WORK DONE IN 1904.

Month.	Material and Labor.				Cost of Paving.	Total Cost of Work.
	Materials. Cost.	Labor. Cost.	Hauling. Cost.	Total Cost, Material and Labor.		
January	$42 38	$2,240 14	$244 59	$2 527 11	$21 67	$2,548 78
February	34 63	1,998 94	139 75	2,173 32	29 11	2,202 43
March	5 27	2,308 78	274 81	2,588 86	70 88	2,659 74
April	9 41	2,360 90	292 98	2,663 29	62 84	2,726 13
May	7 45	2,524 74	229 29	2,761 48	54 38	2,815 86
June	15 40	2,692 13	255 32	2,962 85	228 18	3,191 03
July	20 22	2,564 37	237 25	2,821 84	150 93	2,972 77
August	20 27	2,535 65	194 42	2,750 34	63 25	2,813 59
September	3 88	2,346 94	223 16	2,573 98	38 74	2,612 72
October	7 65	2,300 61	195 61	2,503 87	74 50	2 578 37
November	.....	2,324 60	163 91	2,488 51	212 58	2,701 09
December	42 89	2,773 71	238 99	3,055 59	96 93	3,152 52
Total	$209 45	$28,971 51	$2,690 08	$31,871 04	$1,103 99	$32,975 03

BURNT DISTRICT.

Month.	Material and Labor.				Cost of Paving.	Total Cost of Work.
	Materials. Cost.	Labor. Cost.	Hauling. Cost.	Total Cost Material and Labor.		
January						
February	$ 20 37	$ 804 82	$ 17 33	$ 842 52	$ 4 11	$ 846 63
March	160 13	1,117 00	28 82	1,305 95	22 61	1,328 56
April	119 05	658 48	26 32	803 85	41 17	845 02
May	1 54	441 94	13 45	456 93	14 94	471 87
June	2 98	345 86	15 27	364 11	9 26	373 37
July		491 53	27 40	518 92	12 77	531 70
August	58 65	840 63	26 23	925 51	17 93	943 44
September	22 74	598 99	22 27	644 00	24 76	668 76
October	87 90	1,048 90	23 87	1,160 67	39 94	1,200 61
November	36 21	853 92	10 46	900 59		900 59
December						
Total	$509 57	$7,202 07	$211 42	$7,923 06	$187 49	$8,110 55

...ER AND PLUMBING BILLS.						TURN OFF AND ON.					FERRULES DRAWN AND RETURNED.						Amount Received in 1904 for 1902–1903 Work.
...aterial and Labor Cost.	Amount of Bills.	No. Bills Paid.	No. Bills Unpaid.	Amount Received.	Amount Due.	No. Turn Offs.	No. Turn Ons.	Cost of Labor.	Total Cost.	Amount Received.	No. Drawn.	No. Returned.	Cost of Labor.	Cost of Material.	Total Cost.	Amount Received.	
199 43	$ 198 04	34	4	$ 179 20	$ 18 84	35	10	$ 66 11	$ 66 11	$ 48 00	.....	5	$ 27 76	$ 1 59	$ 29 35	$ 8 00	$2,385 82
1,444 94	1,150 42	84	7	1,086 23	64 19	11	29	52 70	52 70	14 00	2	3	29 88	3 34	33 22	4 00	1,394 17
999 18	853 24	53	9	443 05	410 19	18	33	46 23	46 23	13 00	31	5	95 26	1 83	97 09	6 00	66 08
438 98	444 52	65	5	379 37	65 15	8	26	30 51	30 51	11 00	25	5	88 43	.....	88 43	10 00	80 79
1,042 06	888 26	83	6	835 71	52 54	370	262	235 98	235 98	200 00	20	6	71 20	.....	71 20	10 00	112 93
1,471 40	1,105 63	95	7	1,074 02	31 61	932	718	676 83	676 83	600 00	14	2	38 44	5 71	44 15	4 00	130 74
2,194 73	1,505 21	78	6	1,409 31	95 90	157	137	263 34	263 34	118 00	18	[illegible]	43 01	.....	43 01	4 00	104 44
3,181 11	2,067 17	79	21	1,888 58	178 59	35	69	111 66	111 66	55 50	11	5	34 80	2 01	36 81	6 00	....
5,778 31	5,181 33	179	56	4,037 22	1,144 11	5	47	56 74	56 74	69 50	9	4	48 09	90	48 99	8 00	95 88
2,045 58	1,518 26	73	23	1,265 22	253 04	18	27	62 57	62 57	132 00	22	5	95 87	4 10,	99 97	10 00	17 99
3,276 78	2,694 64	55	66	997 46	1,076 58	34	30	102 65	102 65	57 00	91	11	242 18	2 86	245 04	10 00	38 06
3,959 93	3,579 46	3	112	110 75	3,468 71	30	15	76 18	76 18	61 50	11	4	49 72	41	50 13	8 00	2 80
26,032 43	$21,186 18	881	322	$13,706 12	$7,489 46	1,653	1,403	$1,781 50	$1,781 50	$1,379 50	254	57	$864 64	$22 75	$887 39	$88 00	$4,429 70

...n piping, conveyor,
...ner machinery.
...ed same.
...tion pumped 3,194,-
...igh Service District
3,184 carts of coal,

MECHANICAL DIVISION.

BALTIMORE, December 31, 1904.

MR. A. M. QUICK, *Water Engineer, City Hall.*

DEAR SIR:—I beg leave to submit the following report of work performed by the Mechanical Division during the year ending December 31, 1904.

This Division has chiefly been engaged with the routine work of making and repairing valves, fire hydrants, water meters and making improvements and repairs to machinery in the different pumping stations, and doing miscellaneous work for the other divisions of the Department.

The pumps of Mt. Royal Pumping Station pumped 6,531,039,955 gallons of water to the Western High Service District at a cost of .0049 cents per 1,000 gallons; 648,705,855 gallons were pumped into the Middle Service at a cost of .0024 cents per 1,000 gallons, and pumped 54,889,777 gallons of water to the Eastern and Western High Service District at a cost of .0038 cents per 1,000 gallons.

The six-inch valve in the building was full open to Middle Service 2,823 hours and 38 minutes.

The quantity of bituminous coal received and unloaded amounted to 293 car loads, averaging 22,598,264 pounds. Sixteen car loads of bituminous coal were rejected during the year. Minor repairs were made to engines, boilers, feed pumps, strokers, auxiliary pumps, steam and drain piping, conveyor, furnaces of boilers, dynamos, wiring and other machinery.

Made drawing for ash chute and renewed same.

The pumps of the Eastern Pumping Station pumped 3,194,001,558 gallons of water to the Eastern High Service District at a cost of .0062 cents per 1,000 gallons. 3,184 carts of coal,

weighing 8,740,135 pounds were hauled from the bins and dumped on the floor of the boiler room; 107 car loads of coal, averaging 8,997,000 pounds, were received and unloaded.

On February 17, about 1.30 P.M., a bracket spindle on low pressure cylinder on No. 2 side of engine No. 839 seized and broke the bracket; was repaired as soon as new parts were received.

On May 9 and 10 the station was shut down and fire under boilers were drawn to renew a number of leaky joints and two 3-inch gate valves on the steam line; also one additional 5-inch gate valve was placed on the line. During the period of shut down the pumps in the Mt. Royal Pumping Station took up the work of pumping into both Eastern and Western High Service.

Minor repairs were made to the engines, boilers, feed pumps and piping, reheaters, auxiliary pumps, steam and drain piping, wiring, dynamo, furnace, renewed bushing in valve motion links of engine No. 1207, and to other parts of machinery.

The pumps of the Western Pumping Station pumped 132,078,808 gallons of water to West Arlington Standpipe at a cost of .0126 cents per 1,000 gallons, and pumped 11,907,592 gallons of water to Roland Standpipe at a cost of .0133 cents per 1,000 gallons.

There were unloaded at the railroad siding at this station 30 car loads of bituminous coal, averaging 2,822,300 pounds; 1,565 cart loads of coal were hauled from the bins and delivered in the coal bunker at the station.

The engine room, basement and boiler room were equipped with 30 additional electric lights on June 16; minor repairs were made to engines, boiler furnaces, auxiliary pumps, stokers. Renewed bracket spindles and bushings in valve motion links and made repairs to other machinery. In August the foundation timber and bents of the coal trestle and 25 crossties of the tracks were renewed. Repairs were made to the gate and post.

Druid Hill Park electric plant consumed 927,940 pounds of coal and plant discontinued running service May 27.

Commenced pumping into Roland Standpipe on August 23, 27 and 31 for the purpose of testing the Standpipe, and since have pumped daily into that service.

The shops have been running on full time and with full force during the year.

The machine shops fitted up complete 366 gate valves, from 2 to 12 inches; 30 single and 30 double steamer fire hydrants; 22 five-inch fire hydrants; 275 meter boxes; 31 various size tapping clamps; 6 three-inch and 6 four-inch flange and bell end sleeves; 10 round fountains and 139 various size ferrule clamps.

Extensive repairs were made to 138 gate valves, from 2 to 20 inches in diameter, 68 fire hydrants, 34 street fountains and to water meters of different sizes: Worthington, 209; Union, 133; Hersey rotary, 74; Hersey disc, 16; Torrents, 57; Crown, 3; Gem, 14; Empire, 5 and Model F, 18. Cut 900 various size gaskets. Minor repairs were made to shop engine, lathes, drill presses, shafting, three tapping machines, meter testing machine, bray cutter and other shop tools.

Removed old jig saw in pattern shop and erected a new 36 by 36-inch band saw in its place. One 13-inch sensitive drilling machine was placed on the floor of the machine shop.

Removed six bins from the machine shop, altered and re-erected same in new storehouse; the carpenters also erected seven sections containing 758 bins and four chests for old materials, platform for oil tanks and racks for oil barrels and cans.

Applied bronze tablet on west wall of building, erected 32 window curtains, white coated walls in basement. Made new iron and pipe racks. Transferred all kinds of material, meters, patterns, etc., and neatly arranged them in bins with the price marked on each article.

At the smith shop there were dressed 1,048 lathe tools, 423 chisels, 24 pipe cutters, 26 smith shop tools, 5 wrenches; 928 horse shoes were applied on Department horses; heeled and

toed 736 horse shoes. Forged 28 chisels, 13 lathe tools, 6 wrenches, 6 hydrant keys and a miscellaneous lot of small tools. Repaired 5 express wagons.

In the pattern shop were made patterns for 8x6-inch, 36x6-inch tapping clamps, 12x12-inch 4 way branch, 8-inch ⅛ bend, 24-inch manhole frame, knee plate for 8, 10 and 12-inch valves, mud drum plate, 3 and 4-inch flange end and bell end sleeves, liner box, mandue, nut, sheave wheel, bushing, level washers and strut for dredge Julia.

Two spindle chucks and bonnets, valve handle, gland gear wheel, bushing, chuck for opening nut center post and stuffing box for cushing valve for engine No. 839, follower plate, furnace door frame. Weight for scale and pulley yoke for meters. Spindle for 16-inch Ludlow valve washers. Stuffing box for 3-inch valve, band wheel for valve. 1½-inch flange, jam for stack lever. Patch for engine No. 1208 and clutch for lathe No. 5.

A great deal of repair work was done on old patterns of pipe fittings of all shapes and sizes, gate valves, fire hydrants, tapping clamps, grate bars, etc.

Made good the damage done by water from broken mains on East Monument street January 11; on North Exeter street February 20, and on Lanvale street February 29.

Erected 39 feet of 8-foot fence between machine shop and storehouse, double door entrance between shop and engine room, 16 blanket racks in wagon shed, 28 feet of rail in loft of pattern shop. Designed and erected vat cleaning chute in stall in Gay street yard stable and one in stable at Western Pumping Station.

Made 1,138 service boxes of various lengths, 27 meter boxes, boxed 48 meters for shipment to factory, one stand for copying press, platform for meter testing machine, two soak stalls for stable. Removed toilet room in basement. Sharpened and reset 13 hand saws. Renewed floor in shed in yard.

The bricklayers have repaired the passageway between shops and engine room, portion of sidewalk on Gay and Wolfe streets and gutters in yard.

This division has superintended the work done by the hauling contractor in unloading all cast-iron pipe and fittings by rail, and the delivery of them at the yard or where required for work in the streets; received 4,786 lengths of cast-iron pipe from 3 to 12 inches in diameter, weighing 3,265,413 pounds; 12 special castings weighing 7,506 pounds; 50 tons of pig lead weighing 111,984 pounds. Hauled 42 boxes and 15 crates of material to and from railroad station, 3 wagon loads of paper books, cabinets, etc., from City Hall to Gay street yard on account of fire on February 7 and 8.

For the Engineering Division—Made blue print tray and stand; backboard for blue print case. Removed door, transom and portion of drawing room, boxed and covered map to protect it from injury; 20 2x2x12-inch stakes. Repaired office rail. Erected one shelf and filing case 12 feet 0 inches by 8 feet 9 inches by 9 feet 6 inches.

For the Construction Division—The smith shop dressed 3,987 picks, 467 chisels, 945 diamond point cutters, 367 pipe cutters, 489 hand and digging bars, 65 bits and stone points, 14 hammers, 14 wedges, 109 lamp and rope stands, 42 caulking tools, 15 drills, 8 axes, 6 reamers, ground 11 cutters and 180 drills. Repaired 107 keys, 15 roping tools, 28 Mueller tapping machines, 4 ratchets, 20 lead ladles, 13 street fountains at different locations, 3 cutters, 9 pavers' rammers. Sharpened 12 axes, 23 saws and 386 gaskets. Forged 17 keys, 72 shooks, 74 open links, 11 eye bolts, 48 4-inch and 24 6-inch female clamps, 210 leather washers, 36 caulking tools. Drilled 20 flanges. Turned 914 ferrule plugs ¾ to 6 inches in diameter. Rechased 12 corporation cocks. Made 2 tool boxes and 4 cuts on 16-inch main at Western Pumping Station. Braced, boxed and packed two 12-inch mains on Cedar avenue bridge. Removed housing covering on 20-inch main on Eager street bridge and painted main with black enamel paint. Drilled 4 20-inch clamps. Erected box over air valve on Lombard street bridge. Repaired one desk, shutters, relieving sash, 2 door

springs and applied wood cover on steps at the Old City Hall, six express wagons, one platform scale, one 12x4-inch tapping clamp and one bench vise.

For the Country Division, Lake Clifton—Made and set up two guard railings at gate and meter vault, 2 wrought-iron washers, 3¼-inch drain, 2 pieces of wood grating. Repaired 1 pick and 2 mattocks. Renewed 1 brass hinge on door of meter vault.

Mt. Royal Reservoir—Repaired porch of keeper's residence and made two railing clamps.

Lake Montebello—Repaired pump lever, 4 mattocks, 1 pitchfork, 6 chisels, 3 bars and 2 wagons. Made and erected ladder 36 feet long on windmill, 1 suction valve and two pine rods 1½x1½ inches by 16 feet 0 inches. Forged 1 poker ⅝ inches by 3 feet 0 inches, 1 bar ⅞ inches by 5 feet 0 inches, 3 staples, 1 handle, 1 pump rod. Made 2 bushings, 2 brake plates for wagon. Pieced 2 port hole diggers. Renewed sash at keeper's residence.

Loch Raven, for Dredge Julia—Made 3 truss rods 1¾ inches by 20 feet 0 inches long, 8 ¾ by 10½-inch bolts, 8 truss rod straps ½x2x8x18½ inches, 1 cast-iron nut and 6 sheaves. Forged 24 tee lid bolts ⅞x15 inches, 4 clevers ½x2x8x18½ inches, 2 socket wrenches and 6 scoopes ½x12 inches. Forged and finished 2 gib keys 2 inches by 2 feet 0 inches.

Guilford Reservoir—Drilled 2 pieces of iron for boat. Renewed handle for lawn mower.

Druid Lake—Repaired cart, made 3 pieces of grating. Finished complete 4 brass air chambers for Venturi meters and 3 pieces of ⅜-inch pipe.

Hampden Reservoir—Forged 12 railing rods.

West Arlington Standpipe—Grouted and plastered foundation of fountain.

Roland Standpipe—Erected door at base of stairway. Drilled one manhole plate, made 1 six-inch flanged valve, 30 2x2x12-inch stakes and six-foot ladder for vault. Forged 9 U bolts ½x6x9 inches and one seven-foot socket key.

Respectfully submitted,

EDWARD G. ROST,
Superintendent Mechanical Division.

MECHANICAL DIVISION—Operation of Pumps.

Annual Report, December 31, 1904.

	Service.	Pumps.	Hours Worked.	Gallons of Water Pumped.	Coal Consumed, in Pounds.	Duty.	Gallons of Water Pumped Per lb. of Coal.	Cost of Pumping.	Cost of Pumping 1,000 Gals. in Cents.
Eastern Pumping Sta.	E. High.	839	3,152.00	1,166,317,841	3,012,805	59,927,528	385.3	$ 7,253 43	.0064
	E. High.	1,207	5,637.00	2,027,683,717	4,851,890	66,020,463	419.4	12,578 06	.0060
Western Pumping Sta.	Upper.	46	404.10	52,412,256	209,125	71,106,963	250.7	650 08	.0125
	Upper.	90	661.05	79,666,552	321,002	71,985,404	249.2	1,009 22	.0128
	Roland.	90	15.07	1,926,072	8,225	43,920,805	228.8	25 77	.0133
	Roland.	46	77.54	9,981,520	39,750	45,084,285	236.9	132 98	.0133
Mt. Royal Pumping Sta.	W. High.	1,208	4,784.00	3,675,113,258	9,556,665	60,359,087	388.4	17,469 68	.0049
	W. High.	1,209	3.796.42	2,855,926,697	7,342,683	59,993,000	385.7	14,533 58	.0049
	Middle.	1,209	342 55	283,431,302	266,627	49,700,050	1063.0	637 69	.0022
	Middle.	1,208	444.55	365,274,553	348,374	41,907,904	1043.8	954 01	.0026
	E. and W. High.	1,208 / 1,209	48.00	54,889,777	104,385	78,973,800	523.2	213 33	.0038

Edward G. Rost,
Superintendent Mechanical Division.

Report of Superintendent of County Division.

For the Year Ending December 31, 1904.

Mr. A. M. Quick, *Water Engineer.*

Sir:—The rainfall on the Jones' Falls Supply was 38.91 inches.

The water in Lake Roland was too muddy to use for 30 days, and was below the crest of the dam 224 days, the minimum water being 12.77 feet on September 12. The maximum flow over the dam was plus 1.65 feet on February 22. With the exception of erecting a new wire fence along the Ruxton road, and repairing the screen in front of the influent to the gatehouse, nothing but routine work has been done. I again recommend that the dwelling, stable and outbuildings be painted. Realized from the sale of sand, corn, wood, hay, fodder, etc., $1,033.56.

The Jones' Falls Conduit continues in good order and has been of no unusual expense.

The minimum water in Hampden Reservoir was minus 10.2 feet on March 20 and 21, and the maximum, minus 0.1 foot. During the month of September a green scum formed on the water; a sample was submitted to the Health Department for analysis; they pronounced it algae, and said it would not cause any odor in the water. All the buildings at this point need paint.

The minimum water in Druid Lake was minus 23.7 feet on January 2. This was while repairs were being made to the screen over the mouth of the pump pipe; after these repairs were finished and the water turned on, a growth resembling hemp formed over the screen completely choking it. This was removed and there has been no further trouble with it. During

the fire of February 7 and 8, no change was made in the gates feeding this lake, and several valves were open between this and the Low Service. Still the water was lowered only 0.9 feet between February 7 and 10. On September 18 a heavy rain caused a large slip on the east slope. A 4-inch terra cotta drain was laid from the upper to the lower drive and the earth and sod replaced. The 18-inch terra cotta drain running from east of the Pumping Station down to the coal dump is worn out. It has been patched, but should be relaid.

The rainfall on the Gunpowder Supply was 36.81 inches.

The water in Loch Raven was too muddy for use for 49 days, and was below the dam 68 days, the minimum being minus 6.8 feet on September 11. The maximum flow over the dam was plus 3.6 feet on January 23. The dredge was put in commission April 26, and continued until November 28, when she was laid up on account of ice. There were 413,912 cubic yards removed in 1,483 working hours, at a total cost of $23,-640.11. The greatest length of pipe line pumped through was 10,500 feet of 22-inch and 1,632 feet of 18-inch, making a total of 12,132 feet. Considerable difficulty was encountered during the season by the pipe line becoming choked, requiring at times several days to open it. In September the dredge was moved down about 1,500 feet above the dam and continued to work in that vicinity until the close of the season. I think it will be impracticable to continue the dredging (above the point reached this season and delivering it below the dam) with the present equipment. The machinery was thoroughly overhauled last winter and tie rods were placed in the hull, running from the outside edge of the deck down to the center keelson, and neither hull or machinery caused any trouble during the season. During a freshet on January 26 the river overflowed its banks, leaving a deposit of ice on the road for a distance of about 2 miles from 3 to 5 feet high, and injuring many of the hedge plants. In addition to furnishing all the corn and straw used at Lake Montebello and the Mechanical Division, $2,179.44 was realized from the sale of surplus material and rent.

The minimum water in Lake Montebello was minus 16.9 feet on July 18. No water passed over the waste weirs from July 8 to September 23. The old picket fence along the southern boundary of the property has been replaced with a ribbon wire one. On August 8 an experiment was made with copper sulphate to try to eliminate the algae. Before the test there were found to be 44 algae per C. C. On the 11th there were 17; on the 14th there were 27, and on the 15th there were 21. 600 pounds of sulphate was used, this being about 1 pound to each 800,000 gallons. It was placed in bags containing 75 pounds and towed around the lake so as to cover the entire area. The lake was out of service during the time of treatment. In addition to furnishing all the hay used by the stock at this lake and at the Mechanical Division, $160.50 was realized from the sale of surplus.

The minimum water in Lake Clifton was minus 17.0 feet on July 18 and August 27. During the fire of February 7 and 8 the water in this lake and Lake Montebello was lowered only 6.2 feet, notwithstanding the fact that no water was coming in from Loch Raven. On July 29 this lake was treated with copper sulphate, the process being the same as described above. 300 pounds were used, this being about 1 pound to each 800,000 gallons. It required about 2 hours to dissolve the sulphate. Before treatment analysis showed 69 algae to C. C. 120 hours after treatment only 2 per C. C. were found.

Mt. Royal Reservoir was not in service during the year. The railing around the reservoir, which had become very much out of line from the frost of last winter, has been reset; the old picket fence along the N. C. R. R. has been replaced with a two-strand ribbon wire one, and the keeper's house has been painted by the Department laborers.

Guilford Reservoir has been full the entire year and has been of no unusual expense. The dwelling and outbuildings should be painted and a new fence erected around the reservoir.

The maximum water in the Western High Service Reservoir was full and the minimum minus 5.9 feet on April 26. This

reservoir has continued in good order and has been of very little expense.

The West Arlington Standpipe and lot have continued in good order. The buildings need paint.

The Roland Standpipe was put in commission October 18.

THE WATER SHED PATROL REPORT.

GUNPOWDER.

	Total.	Legal.	Vacant.	Net.	Abatements
Barnyards	103		1	102	6
Hog-pens	72		1	71	9
House drainage	95		56	39	9
Privies	200		2	61	7
	470	137	60	273	31

JONES' FALLS.

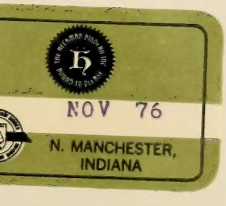
	Total.	Legal.	Vacant.	Net.	Abatements
Barnyards	20			20	
Hog-pens	12			12	2
House drainage	52		1	51	8
Privies	113	61	2	50	5
	197	61	3	133	15

Respectfully submitted,

WM. BENTHALL,
Superintendent of County Division.

DEPARTMENT OF PUBLIC WORKS—SUB-DEPARTMENT WATER BOARD.

Table of Rainfall in Inches.

1904.	Jones' Falls Supply.			Gunpowder Supply.					
	Lake Roland.	Hampden Reservoir.	Druid Lake.	Loch Raven.	Lake Montebello.	Lake Clifton.	Mt. Royal Reservoir.	W. H. Service Reservoir.	Guilford Reservoir.
January	2.23	3.15	2.59	2.80	2.21	2.58	2.16	2.87	2.28
February	1.96	1.61	1.46	1.75	1.83	1.98	1.47	1 53	1.87
March	3.48	3.33	3.09	3.72	3.05	2.65	3.15	3.21	2.63
April	2.55	2.76	2.18	1.86	1.81	2.77	2.40	2.47	2.82
May	1.87	2.60	2.29	1.88	2.27	2.73	2.02	2.44	1.80
June	2.84	3.45	3.53	2.26	3 16	4.00	2.79	3.49	2.77
July	6.56	4.93	5.23	6 02	5.60	4.89	5.21	5.08	5.25
August	3.66	2.17	2.25	4.06	2.66	2.20	1 82	2.21	2.35
September	6 70	7.12	6 55	5.69	5.63	5.07	6.27	6.83	5.68
October	3.75	3.44	3.34	3.70	4.16	3.96	3.28	3.39	2.79
November	1.67	2.15	2.04	1.65	1.95	1.90	1.94	2.09	1.75
December	2.92	2.87	2.42	2 93	2.53	3.18	2.25	2.64	2.79
Totals	40.19	39.58	36.97	38.32	36.86	37.91	34.76	38.25	34 78

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